

MetaTools KPT Convolver

KPT Convolver is an add-on or plug-in for image-editing software such as Adobe Photoshop that enables the user to achieve creativity heights beyond what arrives packaged in Photoshop. Meta Tools brings to the table KPT Convolver for enriching Photoshop's imaging tools. The origin of the "convolver" name is a clue to the unfettered, creative latent power available when KPT Convolver is jettisoned with Photoshop's functionality and features.

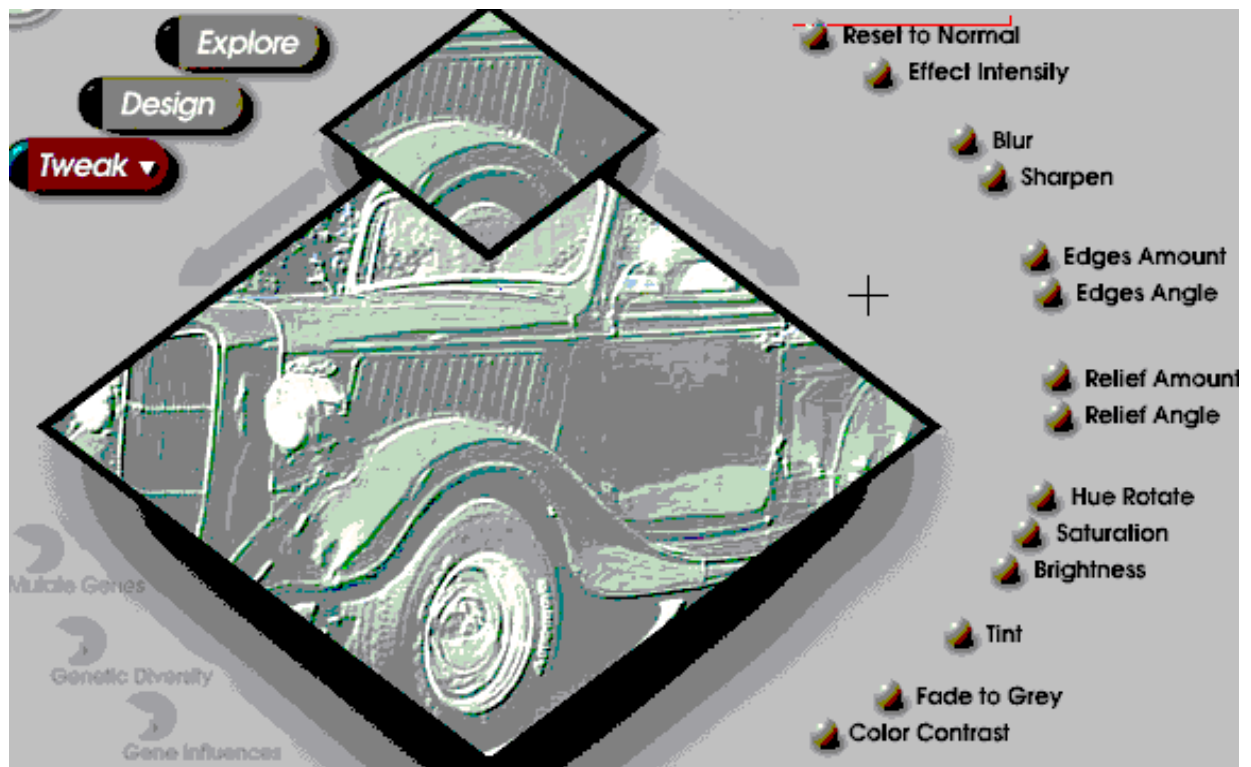
KPT Convolver provides unique filtering capabilities for producing special image-related effects. After a routine installation which seamlessly integrates KPT Convolver into the Photoshop Filter menu and command structure, you should experiment with the virtually unlimited filtering functionality. That is, the best way to appreciate what you can do with this synergistic combination is to metamorphose an image to suit your fancy.

For example, to retouch out-of-focus grab-shots or to compensate for unsatisfactory scanned images, KPT Convolver enables you to realize a surprisingly maxed-out range of filtering for accomplishing requisite blur, sharpening and edge effects. Meta Tools has basically delivered a customization engine to Photoshop's plethora of image editing tools. By invoking KPT Convolver's explore, design or tweak modes of operation, you can freely create visually impressive effects.

Consider a scanned image of an old pickup truck.

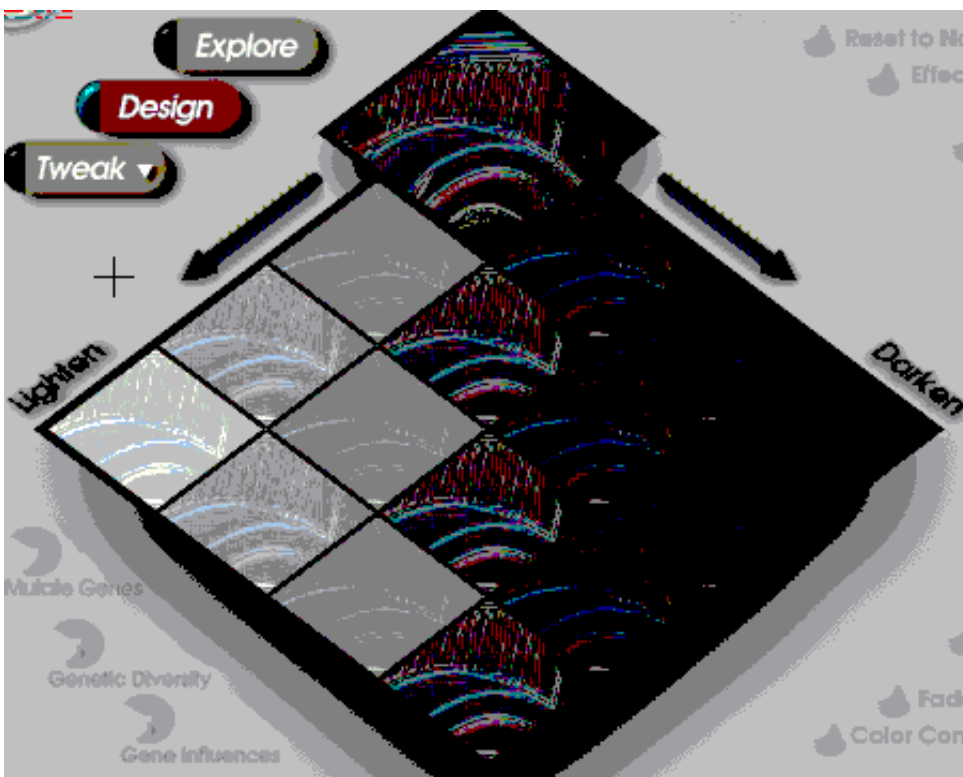
Note all the ways to tweak the scanned image. Each tweak parameter is preceded by a marble. You can effect intensity option enables you to set the sliding scale for each and every effect which has been invoked.

Hence, whatever combination of parameters has been created, the effect intensity may be scaled down simultaneously without disturbing the overall balance. An image may be



either blurred or sharpened by dragging the appropriate marble to the right. A neat option is hue rotate which functions akin to a virtual color wheel in the sense that as the marble is dragged either to the left or to the right, the color cycles from purple to blue to green, etc. The saturation, brightness and color contrast parameters enable you to continuously vary the character of the image. Note that the smaller diamond-shaped area positioned at the top of the KPT screen depicts how the currently selected parameters affect the image. The larger diamond-shaped area accommodates 15 diamond-shaped tiles either in Explore or Design modes; it also serves as a full-size image preview area.

Have you gotten a feel for the myriad variations which may be achieved using the KPT Convolver engine? Using the Explore mode, you are playing musical pixels until visually fixing upon an acceptable image. You then may operate on that image in Design mode to fine tune its attributes. This is uniquely



achieved by selecting which of the 15 tiles comprising the diamond-shaped grid suits your fancy, as you perform fine-tuning. Finally, of course, Tweak mode allows you to put on those final touches that will bring the house down.

Musical pixel ala the explore mode is achieved by mutating an image using three parameters: mutate genes, genetic diversity, and gene influences. Genetic mutation is randomly performed based upon the current tile contained in the upper diamond. To change the current tile just click one of the 15 tiles in the diamond-shaped grid. Genetic diversity allows you to select one of five levels of intensity of the effects. Gene influences indicates which of the texture, color, contrast and tint aspects should be mutated.

Sticklers for precise color rendition, consider this: KPT Convolver delivers a magical tint wheel at your fingertips for 3,600 hue choices. That is, for every degree on the circle, it provides 10 hue-related options. Dragging away from the center of this virtual tint wheel enables you to control saturation at any level imaginable. Shoot, you can even control-drag toward a color which should be deleted; bang, that color is history.

