
Color Space Conversions

hsv2rgb	Convert HSV values to RGB color space. (This is a MATLAB function. See the online MATLAB Function Reference for its reference page.)
ntsc2rgb	Convert NTSC values to RGB color space
rgb2hsv	Convert RGB values to HSV color space. (This is a MATLAB function. See the online MATLAB Function Reference for its reference page.)
rgb2ntsc	Convert RGB values to NTSC color space
rgb2ycbcr	Convert RGB values to YCbCr color space
ycbcr2rgb	Convert YCbCr values to RGB color space

Image Types and Type Conversions

dither	Convert image using dithering
double	Convert data to double precision. (This is a MATLAB function. See the online MATLAB Function Reference for its reference page.)
gray2ind	Convert intensity image to indexed image
grayslice	Create indexed image from intensity image by thresholding
graythresh	Compute global image threshold using Otsu's method
im2bw	Convert image to binary image by thresholding
im2double	Convert image array to double precision
im2mis	Convert image to Java MemoryImageSource
im2uint16	Convert image array to 16-bit unsigned integers