

# Converting Colors

Hex(6A4054)

Have a look what the booklet for  
Hex(6A4054) contains.

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# Color

**Hex(6A4054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A4054
RGB	106, 64, 84
RGB Percent	42%, 25%, 33%
CMY	0.5843, 0.7490, 0.6706
CMYK	0.00, 0.40, 0.21, 0.58
HSL	331°, 25%, 33%
HSV	331°, 40%, 42%
XYZ	9.3775, 7.3711, 9.3160
YIQ	78.8380, 18.6120, 15.1240

# Conversions

## Conversions Part 2

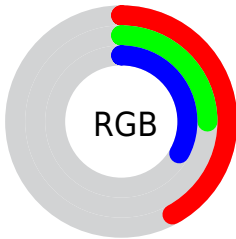
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 64, 84
Decimal	6963284
CIELab	32.64, 21.40, -4.27
CIElCh	33, 21.819, 348.709
Yxy	7.3711, 0.3598, 0.2828
Android (android.graphics.Color)	4285153364 (0xFF6A4054)
YUV	78.8380, 2.5449, 23.8211
Hunter-Lab	27.1497, 14.1418, -1.3397

# Details

The Hex color **6A4054** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **406A56**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9E7185**, and **391327** is the 20% darker color. If you saturate the color by 10%, you get **6A354E**, and if you desaturate by 10%, it is **6A4B5A**.

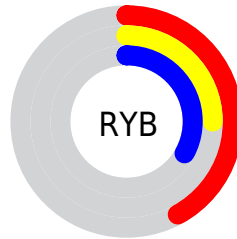
# Distribution



Red (42%)

Green (25%)

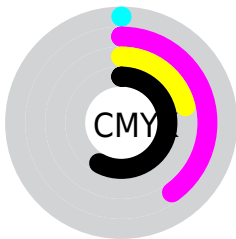
Blue (33%)



Red (42%)

Yellow (25%)

Blue (33%)

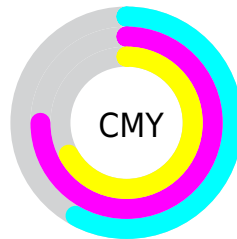


Cyan (0%)

Magenta (40%)

Yellow (21%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A4054 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6A4054 by changing the saturation by 10% instead.





6A4054



6A4054

FFFFFF



51293D



9E7185



391327



BA8AA0



250013



D6A5BB



000000



F2C0D6



FFDCF3



FFF9FF



6A4054



6A4054



6A354E



6A4B5A

 6A2B49

 6A555F

 6A2043

 6A6065

 6A163E

 6A6A6A

 6A0B38

 6A7570

 6A0033

 6A8075

 6A0032

 6A8A7B

 6A9580

 6A9F86

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5C4464



6A4054



6E4043

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6A4054



4D4F2C



065466

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6A4054



406A56

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



075657



6A4054



3A5335

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6A4054



5E492B



235645



28506E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6A4054



6C4238



235645



005562



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6A4054



8A7981



56406A



453B40



C4C4C4



454545



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6A4054



8A4867



6A4140



363033



750038



F50075



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6A4054



8A4867



40696A



363033



750038

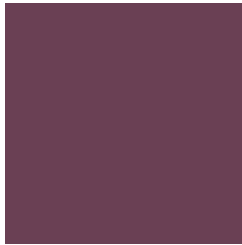


F50075



# Previews

## White Background



This preview shows how the Hex color 6A4054 looks on a white background.

## Color Contrast Check

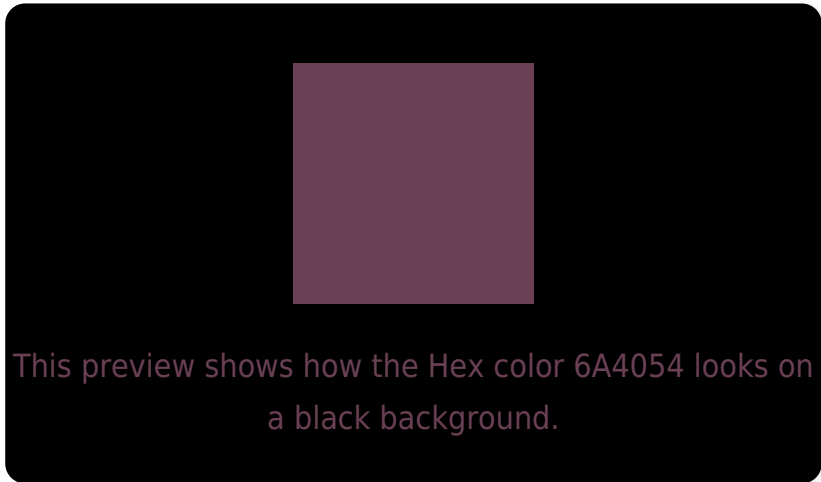
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

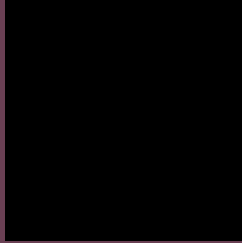
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A4054 Background



This preview shows how black text looks on a background with the Hex color 6A4054.

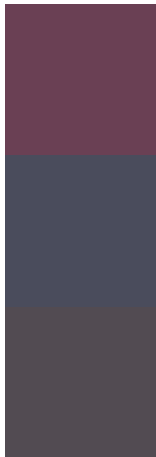


This preview shows how white text looks on a background with the Hex color 6A4054.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
6A4054

**Protanopia**  
4A4C5C

**Deuteranopia**  
524B52



**Tritanopia**  
694247

# Trichromacy



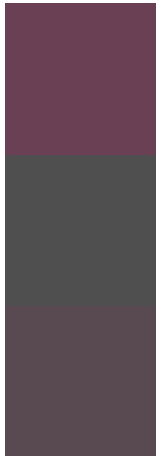
**Original Color**  
6A4054

**Protanomaly**  
564859

**Deuteranomaly**  
5B4753

**Tritanomaly**  
69414C

# Monochromacy



**Original Color**  
6A4054

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
594A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A4054 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6A4054 looks like.

```
.text, #text, p{  
    color:#6A4054  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6A4054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4054
}
```

## Border

The CSS property to change the border of an element to Hex 6A4054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

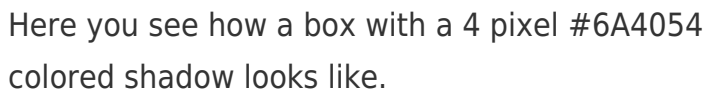
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4054 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6A4054 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6A4054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4054; -webkit-box-shadow:4px 4px  
4px 4px #6A4054; box-shadow:4px 4px 4px  
4px #6A4054 }
```

# Background

The CSS property to change the background color of an element to Hex 6A4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4054 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6A4054 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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