

# Converting Colors

Hex(646054)

Have a look what the booklet for  
Hex(646054) contains.

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# Color

**Hex(646054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	646054
RGB	100, 96, 84
RGB Percent	39%, 38%, 33%
CMY	0.6078, 0.6235, 0.6706
CMYK	0.00, 0.04, 0.16, 0.61
HSL	45°, 9%, 36%
HSV	45°, 16%, 39%
XYZ	11.0386, 11.7152, 10.0670
YIQ	95.8280, 6.2360, -2.8840

# Conversions

## Conversions Part 2

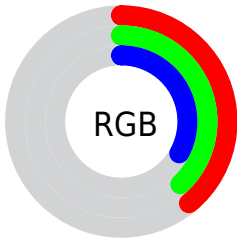
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 100, 84
Decimal	6578260
CIE <sub>Lab</sub>	40.76, -0.71, 7.43
CIE <sub>LCh</sub>	41, 7.459, 95.440
Yxy	11.7152, 0.3363, 0.3569
Android (android.graphics.Color)	4284768340 (0xFF646054)
YUV	95.8280, -5.8312, 3.6588
Hunter-Lab	34.2274, -2.3302, 6.5208

# Details

The Hex color **646054** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **545864**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **979286**, and **353227** is the 20% darker color. If you saturate the color by 10%, you get **645E4A**, and if you desaturate by 10%, it is **64635E**.

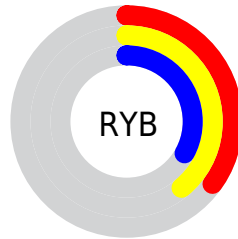
# Distribution



Red (39%)

Green (38%)

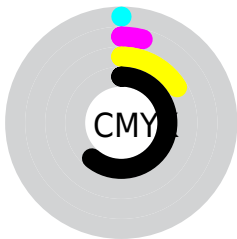
Blue (33%)



Red (35%)

Yellow (39%)

Blue (33%)

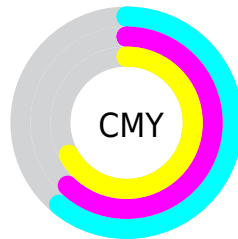


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 646054 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 646054 by changing the saturation by 10% instead.





646054



646054

FFFFFFF



4C483D



979286



353227



B2ADA0



201D13



CDC8BB



020300



E9E4D6



000000



FFFFFF3



646054



646054



645E4A



64635E



645B40



646568

■ 645936

■ 646872

■ 64562C

■ 646A7C

■ 645422

■ 646D86

■ 645118

■ 646F90

■ 644F0E

■ 64729A

■ 644C04

■ 6474A4

■ 644B00

■ 6477AE

# Harmonies

## Analogous

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



6A5E55



646054



5D6256

# Triad

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



646054



516367



695D65

# Complementary

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



646054



545864

# 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.



635E6A



646054



54626B

# Square

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



646054



526461



5B606C



6D5C5F

# Rectangle

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



646054



586359



5B606C



675D67



# Sweetspot

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



646054



82807C



645458



42413E



C2C2C2



424242



# Same Dimension

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



646054



827C69



606454



33322E



735600



F2B600



# Inverse Universe

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



545864



697082



585464



2E2F33



001D73



003DF2



# Previews

## White Background



This preview shows how the Hex color 646054 looks on a white background.

## Color Contrast Check

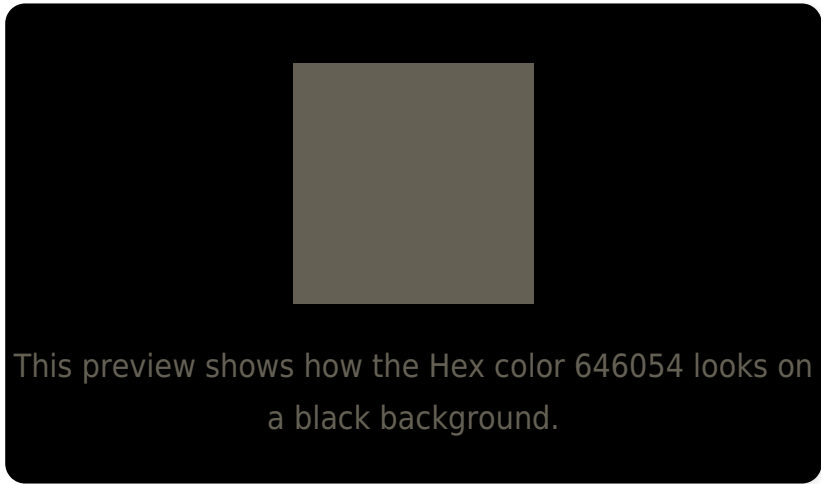
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

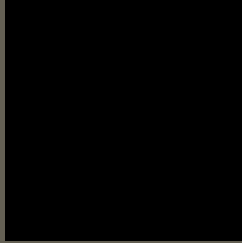
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 646054 Background



This preview shows how black text looks on a background with the Hex color 646054.



This preview shows how white text looks on a background with the Hex color 646054.

# 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](#).

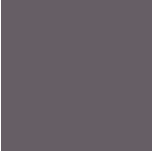
## Dichromacy



**Original Color**  
646054

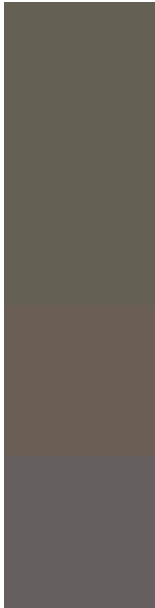
**Protanopia**  
656054

**Deuteranopia**  
6D5D55



**Tritanopia**  
665E65

# Trichromacy



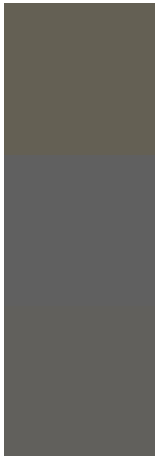
**Original Color**  
646054

**Protanomaly**  
656054

**Deuteranomaly**  
6A5E55

**Tritanomaly**  
655F5F

# Monochromacy



**Original Color**  
646054

**Achromatopsia**  
606060

**Achromatomaly**  
61605C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 646054 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 #646054 looks like.

```
.text, #text, p{  
    color:#646054  
}
```

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 #646054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646054
}
```

## Border

The CSS property to change the border of an element to Hex 646054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

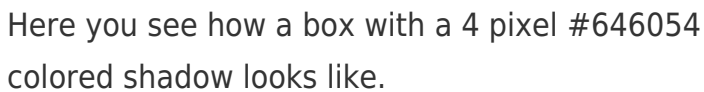
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646054 }
```

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

```
.border{ border-color:#646054 }
```

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



Here you see how a box with a 4 pixel #646054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646054; -webkit-box-shadow:4px 4px  
4px 4px #646054; box-shadow:4px 4px 4px  
4px #646054 }
```

# Background

The CSS property to change the background color of an element to Hex 646054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646054 }
```

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

```
.background{ background-color:#646054 }
```

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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