

# Converting Colors

Hex(50604C)

Have a look what the booklet for  
Hex(50604C) contains.

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# Color

Hex(50604C)

# Conversions

## Conversions Part 1

Format	Color
Hex	50604C
RGB	80, 96, 76
RGB Percent	31%, 38%, 30%
CMY	0.6863, 0.6235, 0.7020
CMYK	0.17, 0.00, 0.21, 0.62
HSL	108°, 12%, 34%
HSV	108°, 21%, 38%
XYZ	8.7956, 10.5930, 8.4186
YIQ	88.9360, -3.1160, -9.6120

# Conversions

## Conversions Part 2

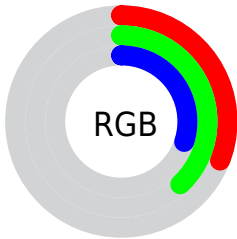
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 96, 92
Decimal	5267532
CIELab	38.89, -10.42, 9.43
CIElCh	39, 14.053, 137.861
Yxy	10.5930, 0.3163, 0.3809
Android (android.graphics.Color)	4283457612 (0xFF50604C)
YUV	88.9360, -6.3774, -7.8369
Hunter-Lab	32.5469, -8.7184, 7.4469

# Details

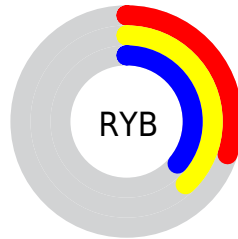
The Hex color **50604C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C4C60**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **81937D**, and **233220** is the 20% darker color. If you saturate the color by 10%, you get **486042**, and if you desaturate by 10%, it is **586056**.

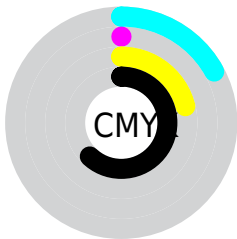
# Distribution



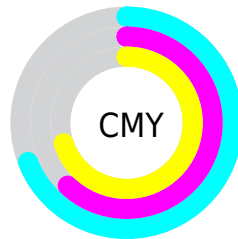
- Red (31%)
- Green (38%)
- Blue (30%)



- Red (30%)
- Yellow (38%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)



- Cyan (69%)
- Magenta (62%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50604C 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 50604C by changing the saturation by 10% instead.




 50604C

 50604C

FFFFFF

 394835

 81937D

 233220

 9CAD97

 0F1D09

 B6C9B1

 000000

 D2E5CD

 EEFFE9

 50604C

 50604C

 486042

 586056

 416039

 5F605F

■ 39602F

■ 676069

■ 316026

■ 6F6072

■ 2A601C

■ 76607C

■ 226012

■ 7E6086

■ 1A6009

■ 86608F

■ 136000

■ 8D6099

■ 9560A2

# Harmonies

## Analogous

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



5D5D46



50604C



446256

# Triad

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



50604C



485E72



735455

# Complementary

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



50604C



5C4C60

# 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.



705461



50604C



575A71

# Square

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



50604C



3D616C



66566B



70564B

# Rectangle

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



50604C



3E625E



66566B



735359



# Sweetspot

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



50604C



777D75



605C4C



3C403B



BFBFBF



404040



# Same Dimension

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



50604C



647D5E



4C6052



2D302C



167000



30F000



# Inverse Universe

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



5C4C60



775E7D



604C5A



2F2C30



5A0070

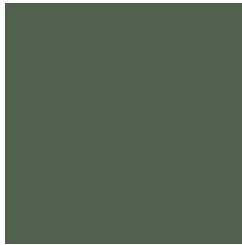


C000F0



# Previews

## White Background



This preview shows how the Hex color 50604C looks on a white background.

## Color Contrast Check

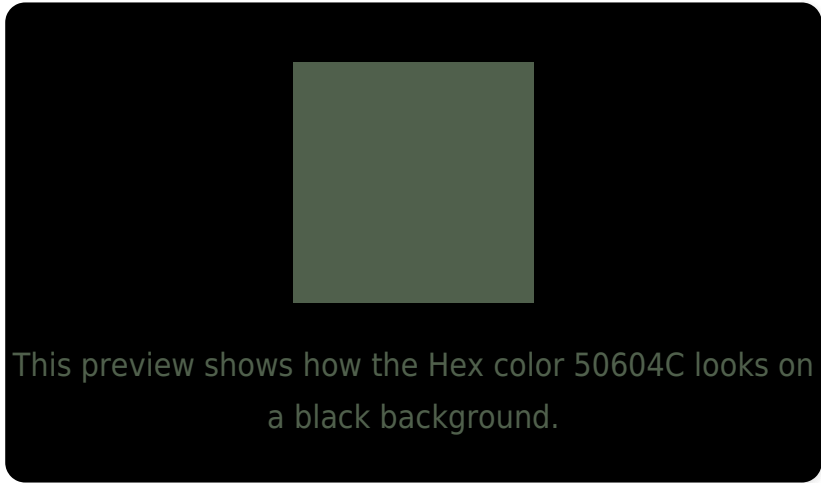
Large Text (above 18pt) WCAG AA ✓ Pass

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

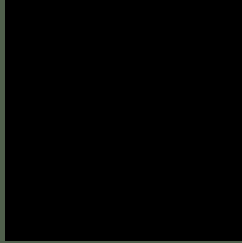
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50604C Background



This preview shows how black text looks on a background with the Hex color 50604C.

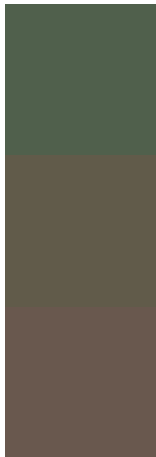


This preview shows how white text looks on a background with the Hex color 50604C.

# 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**  
50604C

**Protanopia**  
615B4A

**Deuteranopia**  
69584E



**Tritanopia**  
545D64

# Trichromacy



**Original Color**

50604C

**Protanomaly**

5B5D4B

**Deuteranomaly**

605B4D

**Tritanomaly**

535E5B

# Monochromacy



**Original Color**

50604C

**Achromatopsia**

595959

**Achromatomaly**

565C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50604C 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 #50604C looks like.

```
.text, #text, p{  
    color:#50604C  
}
```

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 #50604C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50604C
}
```

## Border

The CSS property to change the border of an element to Hex 50604C 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
#50604C }
```

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

```
.border{ border-color:#50604C }
```

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

Here you see how a box with a 4 pixel #50604C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50604C; -webkit-box-shadow:4px 4px  
4px 4px #50604C; box-shadow:4px 4px 4px  
4px #50604C }
```

# Background

The CSS property to change the background color of an element to Hex 50604C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50604C }
```

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

```
.background{ background-color:#50604C }
```

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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