

# Converting Colors

Hex(506150)

Have a look what the booklet for  
Hex(506150) contains.

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# Color

**Hex(506150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	506150
RGB	80, 97, 80
RGB Percent	31%, 38%, 31%
CMY	0.6863, 0.6196, 0.6863
CMYK	0.18, 0.00, 0.18, 0.62
HSL	120°, 10%, 35%
HSV	120°, 18%, 38%
XYZ	9.0309, 10.8340, 9.2046
YIQ	89.9790, -4.6750, -8.8910

# Conversions

## Conversions Part 2

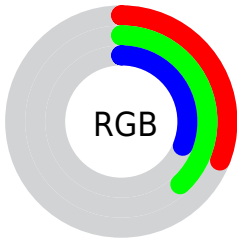
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 97, 97
Decimal	5267792
CIE <sub>Lab</sub>	39.30, -10.20, 7.57
CIE <sub>LCh</sub>	39, 12.703, 143.435
Yxy	10.8340, 0.3107, 0.3727
Android (android.graphics.Color)	4283457872 (0xFF506150)
<b>YUV</b>	89.9790, -4.9196, -8.7516
Hunter-Lab	32.9151, -8.6264, 6.4603

# Details

The Hex color **506150** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **615061**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **819481**, and **233324** is the 20% darker color. If you saturate the color by 10%, you get **466146**, and if you desaturate by 10%, it is **5A615A**.

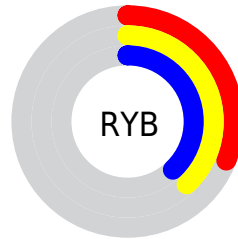
# Distribution



Red (31%)

Green (38%)

Blue (31%)



Red (31%)

Yellow (38%)

Blue (38%)

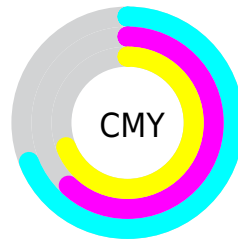


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506150 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 506150 by changing the saturation by 10% instead.



■ 506150

■ 506150

FFFFFF

■ 394939

■ 819481

■ 233324

■ 9BAE9B

■ 0F1E0E

■ B6CAB6

■ 000000

■ D2E6D2

■ EEFEE

■ 506150

■ 506150

■ 466146

■ 5A615A

■ 3D613D

■ 636163

■ 336133

■ 6D616D

■ 296129

■ 776177

■ 206120

■ 816181

■ 166116

■ 8A618A

■ 0C610C

■ 946194

■ 026102

■ 9E619E

■ 006100

■ A761A7

# Harmonies

## Analogous

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



5C5E4A



506150



46625A

# Triad

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



506150



4E5E71



725655

# Complementary

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



506150



615061

# 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.



70555F



506150



5B5B6F

# Square

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



506150



43616D



685769



6F584C

# Rectangle

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



506150



416361



685769



725558



# Sweetspot

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



506150



777D77



616150



3C403C



BFBFBF



404040



# Same Dimension

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



506150



637D63



506159



2C302C



007000



00F000



# Inverse Universe

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



615061



7D637D



615059



302C30



700070

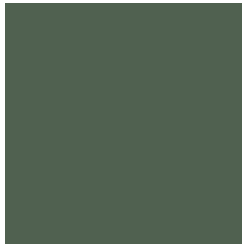


F000F0



# Previews

## White Background



This preview shows how the Hex color 506150 looks on a white background.

## Color Contrast Check

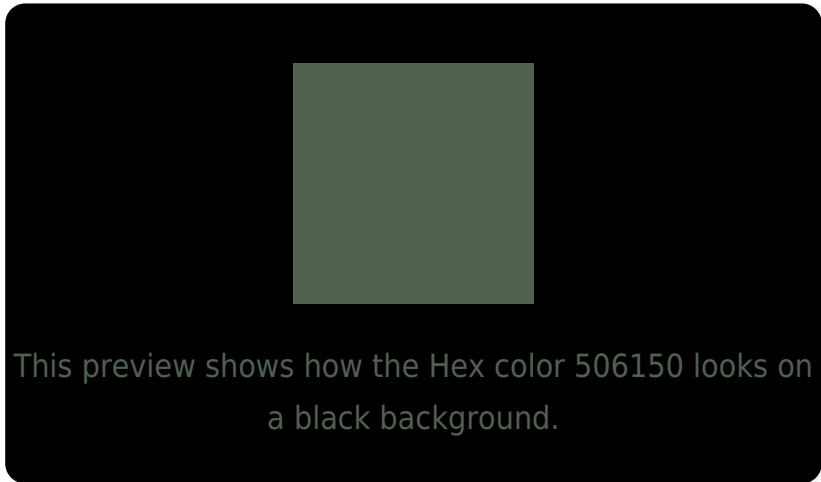
Large Text (above 18pt) WCAG AA ✓ Pass

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

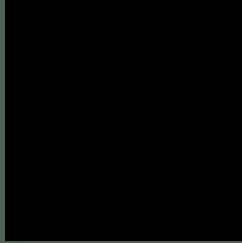
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 506150 Background



This preview shows how black text looks on a background with the Hex color 506150.



This preview shows how white text looks on a background with the Hex color 506150.

# 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**  
506150

**Protanopia**  
615C4E

**Deuteranopia**  
695952



**Tritanopia**  
545E65

# Trichromacy



**Original Color**  
506150

**Protanomaly**  
5B5E4F

**Deuteranomaly**  
605C51

**Tritanomaly**  
535F5D

# Monochromacy



**Original Color**  
506150

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
565D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506150 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 #506150 looks like.

```
.text, #text, p{  
    color:#506150  
}
```

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 #506150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506150
}
```

## Border

The CSS property to change the border of an element to Hex 506150 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
#506150 }
```

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

```
.border{ border-color:#506150 }
```

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

Here you see how a box with a 4 pixel #506150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506150; -webkit-box-shadow:4px 4px  
4px 4px #506150; box-shadow:4px 4px 4px  
4px #506150 }
```

# Background

The CSS property to change the background color of an element to Hex 506150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506150 }
```

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

```
.background{ background-color:#506150 }
```

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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