

# Converting Colors

Hex(516665)

Have a look what the booklet for  
Hex(516665) contains.

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# Color

**Hex(516665)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516665
RGB	81, 102, 101
RGB Percent	32%, 40%, 40%
CMY	0.6824, 0.6000, 0.6039
CMYK	0.21, 0.00, 0.01, 0.60
HSL	177°, 11%, 36%
HSV	177°, 21%, 40%
XYZ	10.4937, 12.1917, 14.1121
YIQ	95.6070, -12.1950, -4.7630

# Conversions

## Conversions Part 2

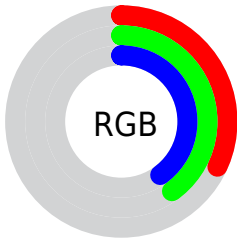
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 92, 102
Decimal	5334629
CIE Lab	41.52, -8.06, -2.04
CIE LCh	42, 8.317, 194.219
Yxy	12.1917, 0.2852, 0.3313
Android (android.graphics.Color)	4283524709 (0xFF516665)
YUV	95.6070, 2.6587, -12.8103
Hunter-Lab	34.9166, -7.4583, 0.4786

# Details

The Hex color **516665** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665152**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **839998**, and **233736** is the 20% darker color. If you saturate the color by 10%, you get **476665**, and if you desaturate by 10%, it is **5B6665**.

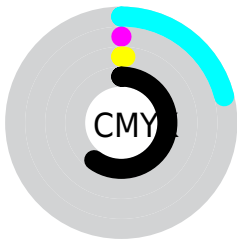
# Distribution



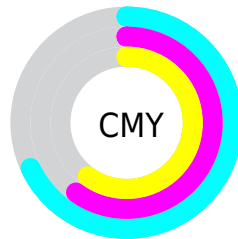
- Red (32%)
- Green (40%)
- Blue (40%)



- Red (32%)
- Yellow (36%)
- Blue (40%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



- Cyan (68%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516665 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 516665 by changing the saturation by 10% instead.



■ 516665

■ 516665

FFFFFF

■ 3A4E4D

■ 839998

■ 233736

■ 9DB4B3

■ 0E2221

■ B8CFCE

■ 000B0A

■ D4ECEA

■ 000000

■ F0FFFF

■ 516665

■ 516665

■ 476665

■ 5B6665

■ 3D6664

■ 656666

■ 326664

■ 706666

■ 286663

■ 7A6667

■ 1E6663

■ 846667

■ 146662

■ 8E6668

■ 0A6662

■ 986668

■ 006661

■ A36669

■ AD6669

# Harmonies

## Analogous

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



55665E



516665



51656B

# Triad

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



516665



675F6C



6B6055

# Complementary

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



516665



665152

# 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.



705E59



516665



6E5E66

# Square

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



516665



5F616F



715D5F



646255

# Rectangle

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



516665



54646E



715D5F



6D6056



# Sweetspot

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



516665



7D8584



526651



3E4242



C2C2C2



424242



# Same Dimension

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



516665



638583



515D66



2E3333



00736D



00F2E7



# Inverse Universe

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



665152



856365



665A51



332E2E



730005



F2000C



# Previews

## White Background



This preview shows how the Hex color 516665 looks on a white background.

## Color Contrast Check

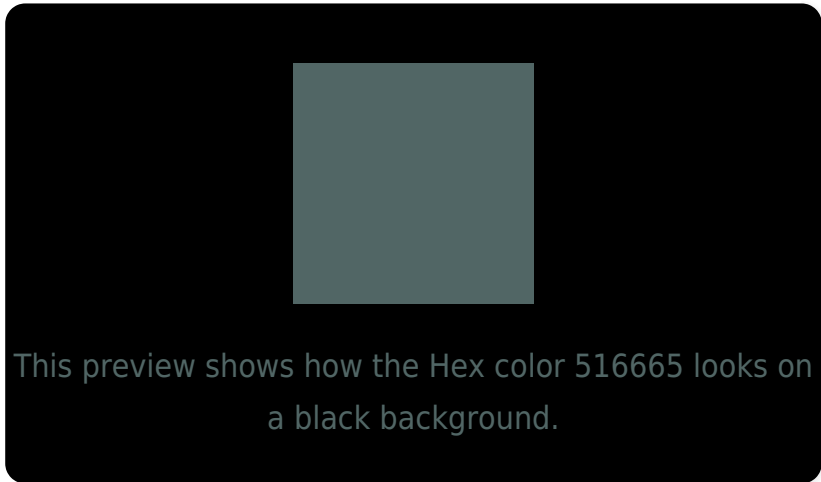
Large Text (above 18pt) WCAG AA ✓ Pass

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

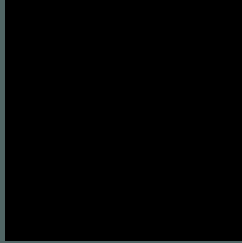
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

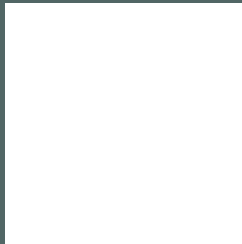
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 516665 Background



This preview shows how black text looks on a background with the Hex color 516665.



This preview shows how white text looks on a background with the Hex color 516665.

# 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](#).

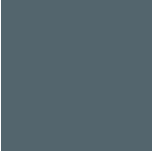
## Dichromacy



**Original Color**  
516665

**Protanopia**  
636162

**Deuteranopia**  
695F66



**Tritanopia**  
53656D

# Trichromacy



**Original Color**

516665

**Protanomaly**

5C6363

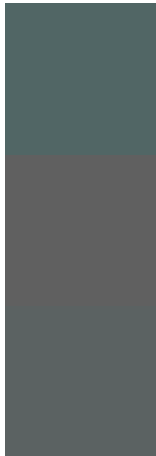
**Deuteranomaly**

606266

**Tritanomaly**

52656A

# Monochromacy



**Original Color**

516665

**Achromatopsia**

606060

**Achromatomaly**

5B6262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516665 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 #516665 looks like.

```
.text, #text, p{  
    color:#516665  
}
```

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 #516665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516665  
}
```

## Border

The CSS property to change the border of an element to Hex 516665 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  
#516665 }
```

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

```
.border{ border-color:#516665 }
```

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

Here you see how a box with a 4 pixel #516665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516665; -webkit-box-shadow:4px 4px  
4px 4px #516665; box-shadow:4px 4px 4px  
4px #516665 }
```

# Background

The CSS property to change the background color of an element to Hex 516665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516665 }
```

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

```
.background{ background-color:#516665 }
```

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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