

Converting Colors

Hex(516765)

Have a look what the booklet for
Hex(516765) contains.

Hex(516765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(516765)

Conversions

Conversions Part 1

Format	Color
Hex	516765
RGB	81, 103, 101
RGB Percent	32%, 40%, 40%
CMY	0.6824, 0.5961, 0.6039
CMYK	0.21, 0.00, 0.02, 0.60
HSL	175°, 12%, 36%
HSV	175°, 21%, 40%
XYZ	10.5926, 12.3894, 14.1450
YIQ	96.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

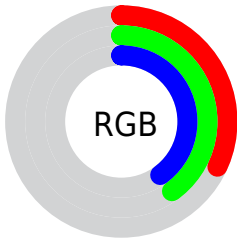
Format	Color
R_{YB}	81, 93, 103
Decimal	5334885
CIE Lab	41.83, -8.64, -1.59
CIE LCh	42, 8.790, 190.412
Yxy	12.3894, 0.2853, 0.3337
Android (android.graphics.Color)	4283524965 (0xFF516765)
YUV	96.1940, 2.3694, -13.3251
Hunter-Lab	35.1986, -7.8803, 0.8125

Details

The Hex color **516765** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675153**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **839A98**, and **233836** is the 20% darker color. If you saturate the color by 10%, you get **476764**, and if you desaturate by 10%, it is **5B6766**.

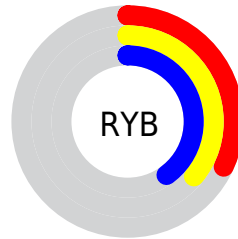
Distribution



Red (32%)

Green (40%)

Blue (40%)



Red (32%)

Yellow (36%)

Blue (40%)

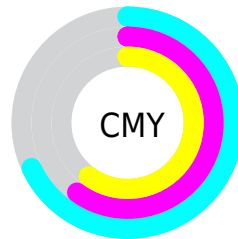


Cyan (21%)

Magenta (0%)

Yellow (2%)

Black (60%)



Cyan (68%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516765 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 516765 by changing the saturation by 10% instead.

■ 516765

■ 516765

FFFFFF

■ 3A4F4D

■ 839A98

■ 233836

■ 9DB5B3

■ 0E2321

■ B8D0CE

■ 000D0A

■ D4EDEA

■ 000000

■ F0FFFF

■ 516765

■ 516765

■ 476764

■ 5B6766

■ 3C6763

■ 666767

■ 326762

■ 706768

■ 286761

■ 7A6769

■ 1D6760

■ 84676A

■ 13675F

■ 8F676B

■ 09675E

■ 99676C

■ 00675E

■ A3676C

■ AE676D

Harmonies

Analogous

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



56675E



516765



51666C

Triad

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



516765



67606E



6D6155

Complementary

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



516765



675153

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.



715F5A



516765



6E5E68

Square

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



516765



5E6271



725E60



666355

Rectangle

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



516765



54656F



725E60



6F6056

Sweetspot

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



516765



7F8786



536751



404544



C4C4C4



454545

Same Dimension

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



516765



648784



515E67



2E3333



007368



00F2DC

Inverse Universe

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



675153



876467



675A51



332E2E



73000A



F20016

Previews

White Background



This preview shows how the Hex color 516765 looks on a white background.

Color Contrast Check

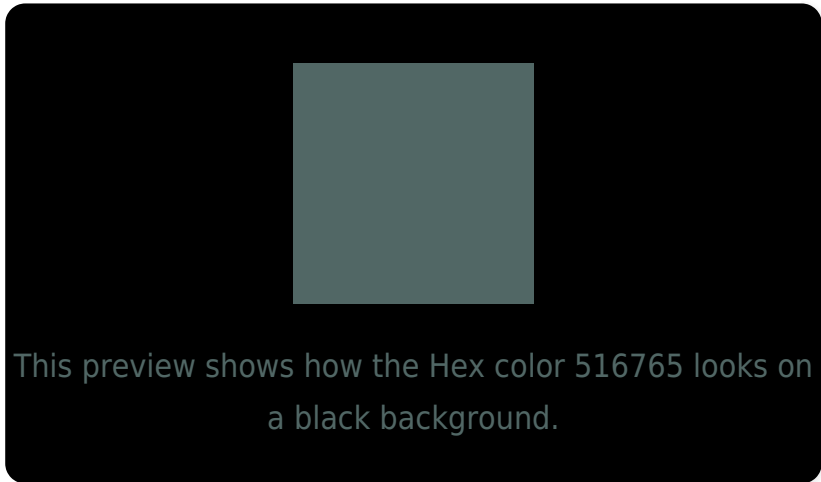
Large Text (above 18pt) WCAG AA ✓ Pass

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

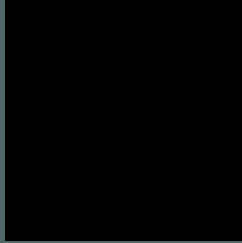
Any Text WCAG AA × Fail

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 516765 Background



This preview shows how black text looks on a background with the Hex color 516765.



This preview shows how white text looks on a background with the Hex color 516765.

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
516765

Protanopia
646262

Deuteranopia
6A5F67



Tritanopia
53666E

Trichromacy



Original Color
516765

Protanomaly
5D6463

Deuteranomaly
616266

Tritanomaly
52666B

Monochromacy



Original Color
516765

Achromatopsia
606060

Achromatomaly
5B6362

CSS Examples

Text

The CSS property to change the color of the text to Hex 516765 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 #516765 looks like.

```
.text, #text, p{  
    color:#516765  
}
```

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 #516765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516765
}
```

Border

The CSS property to change the border of an element to Hex 516765 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
#516765 }
```

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

```
.border{ border-color:#516765 }
```

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

Here you see how a box with a 4 pixel #516765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516765; -webkit-box-shadow:4px 4px  
4px 4px #516765; box-shadow:4px 4px 4px  
4px #516765 }
```

Background

The CSS property to change the background color of an element to Hex 516765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516765 }
```

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

```
.background{ background-color:#516765 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor