

Converting Colors

Hex(516247)

Have a look what the booklet for
Hex(516247) contains.

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Color

Hex(516247)

Conversions

Conversions Part 1

Format	Color
Hex	516247
RGB	81, 98, 71
RGB Percent	32%, 38%, 28%
CMY	0.6824, 0.6157, 0.7216
CMYK	0.17, 0.00, 0.28, 0.62
HSL	98°, 16%, 33%
HSV	98°, 28%, 38%
XYZ	8.8984, 10.9396, 7.6038
YIQ	89.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

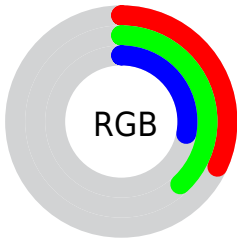
Format	Color
RYB	71, 98, 88
Decimal	5333575
CIELab	39.48, -12.10, 13.29
CIELCh	39, 17.972, 132.304
Yxy	10.9396, 0.3243, 0.3986
Android (android.graphics.Color)	4283523655 (0xFF516247)
YUV	89.8390, -9.2876, -7.7518
Hunter-Lab	33.0751, -9.8587, 9.5221

Details

The Hex color **516247** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **584762**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **839578**, and **24331B** is the 20% darker color. If you saturate the color by 10%, you get **4B623D**, and if you desaturate by 10%, it is **576251**.

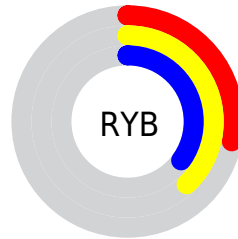
Distribution



Red (32%)

Green (38%)

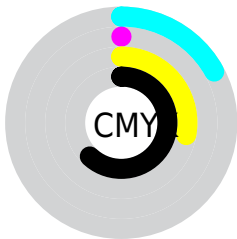
Blue (28%)



Red (28%)

Yellow (38%)

Blue (35%)

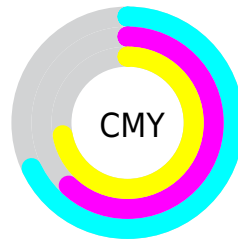


Cyan (17%)

Magenta (0%)

Yellow (28%)

Black (62%)



Cyan (68%)

Magenta (62%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516247 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 516247 by changing the saturation by 10% instead.

■ 516247

■ 516247

FFFFFF

■ 3A4A30

■ 839578

■ 24331B

■ 9DAF91

■ 111E02

■ B8CBAC

■ 000000

■ D4E7C7

■ F0FFE3

■ 516247

■ 516247

■ 4B623D

■ 576251

■ 456233

■ 5D625B

■ 3E622A

■ 646264

■ 386220

■ 6A626E

■ 326216

■ 706278

■ 2C620C

■ 766282

■ 266202

■ 7C628C

■ 246200

■ 826295

■ 89629F

Harmonies

Analogous

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



615E40



516247



406454

Triad

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



516247



3E6178



7A5257

Complementary

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



516247



584762

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.



755366



516247



535C79

Square

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



516247



316470



675773



78554A

Rectangle

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



516247



37655E



675773



79525C

Sweetspot

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



516247



798075



625847



3C4039



BFBFBF



404040

Same Dimension

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



516247



658055



47624A



2D302C



2A7000



59F000

Inverse Universe

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



584762



705580



62475F



2F2C30



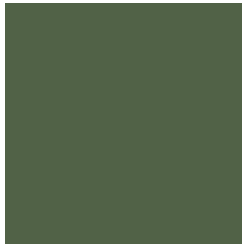
470070



9700F0

Previews

White Background



This preview shows how the Hex color 516247 looks on a white background.

Color Contrast Check

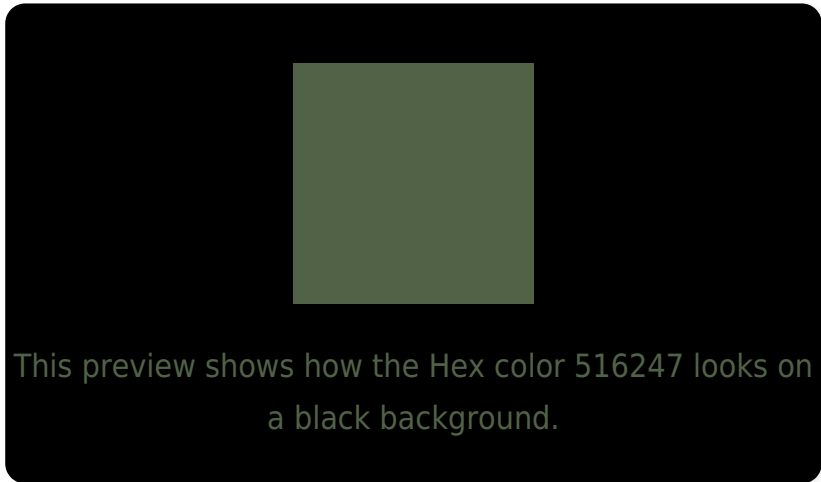
Large Text (above 18pt) WCAG AA ✓ Pass

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

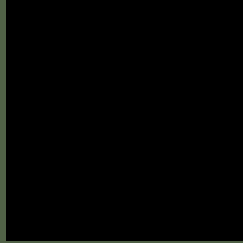
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

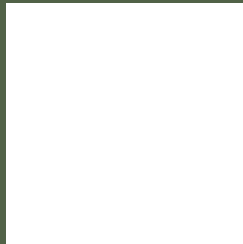
Any Text WCAG AAA × Fail

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

Hex 516247 Background



This preview shows how black text looks on a background with the Hex color 516247.



This preview shows how white text looks on a background with the Hex color 516247.

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](#).

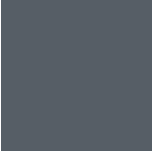
Dichromacy



Original Color
516247

Protanopia
645D45

Deuteranopia
6C5949



Tritanopia
565E66

Trichromacy



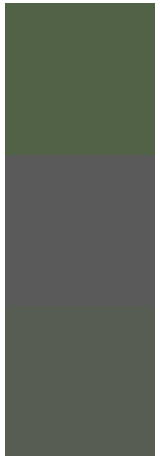
Original Color
516247

Protanomaly
5D5F46

Deuteranomaly
625C48

Tritanomaly
545F5B

Monochromacy



Original Color
516247

Achromatopsia
5A5A5A

Achromatomaly
575D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 516247 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 #516247 looks like.

```
.text, #text, p{  
    color:#516247  
}
```

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 #516247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516247
}
```

Border

The CSS property to change the border of an element to Hex 516247 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".

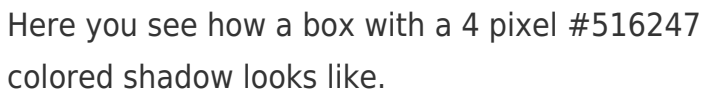
```
.border, #border, table{ border:4px solid
#516247 }
```

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

```
.border{ border-color:#516247 }
```

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

Here you see how a box with a 4 pixel #516247 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516247; -webkit-box-shadow:4px 4px  
4px 4px #516247; box-shadow:4px 4px 4px  
4px #516247 }
```

Background

The CSS property to change the background color of an element to Hex 516247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516247 }
```

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

```
.background{ background-color:#516247 }
```

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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