

Converting Colors

Hex(516316)

Have a look what the booklet for
Hex(516316) contains.

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Color

Hex(516316)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 516316 |
| RGB | 81, 99, 22 |
| RGB Percent | 32%, 39%, 9% |
| CMY | 0.6824, 0.6118, 0.9137 |
| CMYK | 0.18, 0.00, 0.78, 0.61 |
| HSL | 74°, 64%, 24% |
| HSV | 74°, 78%, 39% |
| XYZ | 8.0000, 10.7309, 2.4087 |
| YIQ | 84.8400, 13.9890, -27.7630 |

Conversions

Conversions Part 2

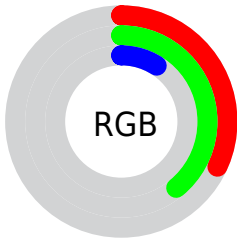
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 22, 99, 40 |
| Decimal | 5333782 |
| CIE _{Lab} | 39.12, -18.48, 38.90 |
| CIE _{LCh} | 39, 43.063, 115.411 |
| Yxy | 10.7309, 0.3784, 0.5076 |
| Android (android.graphics.Color) | 4283523862 (0xFF516316) |
| YUV | 84.8400, -30.9801, -3.3677 |
| Hunter-Lab | 32.7581, -13.7344, 18.5711 |

Details

The Hex color **516316** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **281663**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **859647**, and **213400** is the 20% darker color. If you saturate the color by 10%, you get **4F630C**, and if you desaturate by 10%, it is **536320**.

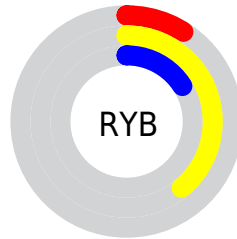
Distribution



Red (32%)

Green (39%)

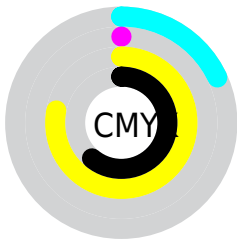
Blue (9%)



Red (9%)

Yellow (39%)

Blue (16%)

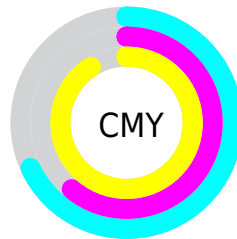


Cyan (18%)

Magenta (0%)

Yellow (78%)

Black (61%)



Cyan (68%)


Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516316 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 516316 by changing the saturation by 10% instead.

 516316

 516316

FFFFFF

 384B00

 859647

 213400

 A0B060

 032000

 BBCC7A

 000000

 D8E894

 F4FFB0

 FFFF00

FFFCB

 FFFF00

FFFEE8

 516316

 516316

■ 4F630C

■ 536320

■ 4C6302

■ 56632A

■ 4C6300

■ 586334

■ 5A633E

■ 5D6348

■ 5F6351

■ 61635B

■ 646365

■ 66636F

Harmonies

Analogous

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



73590E



516316



206932

Triad

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



516316



006995



983B63

Complementary

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



516316



281663

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.



814684



516316



0062A2

Square

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



516316



006D79



53559C



9B3E40

Rectangle

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



516316



006C49



53559C



933E6F

Sweetspot

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



516316



798062



632816



3C402E



BFBFBF



404040

Same Dimension

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



516316



648009



2B6316



2F302C



567000



B8F000

Inverse Universe

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



281663



250980



4E1663



2D2C30



1A0070



3800F0

Previews

White Background



This preview shows how the Hex color 516316 looks on a white background.

Color Contrast Check

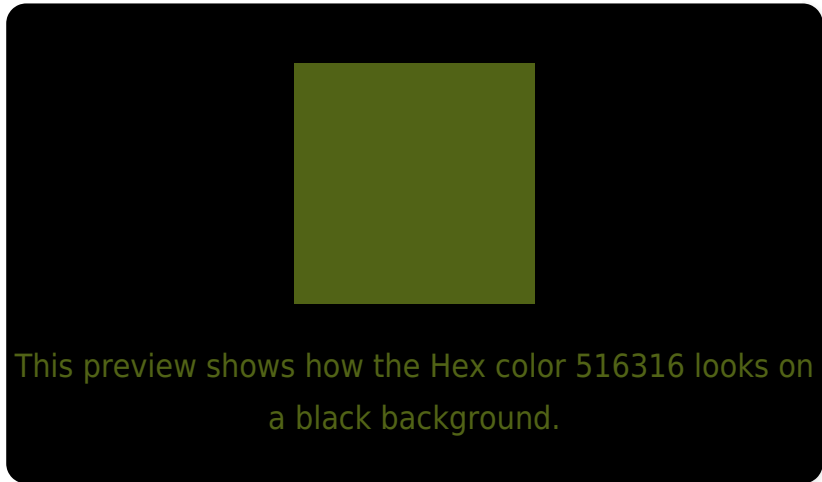
Large Text (above 18pt) WCAG AA ✓ Pass

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

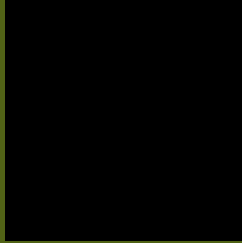
Any Text WCAG AA × Fail

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 516316 Background



This preview shows how black text looks on a background with the Hex color 516316.



This preview shows how white text looks on a background with the Hex color 516316.

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
516316

Protanopia
685C14

Deuteranopia
73571B



Tritanopia
595C64

Trichromacy



Original Color
516316

Protanomaly
605F15

Deuteranomaly
675B19

Tritanomaly
565F48

Monochromacy



Original Color
516316

Achromatopsia
555555

Achromatomaly
545A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 516316 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 #516316 looks like.

```
.text, #text, p{  
    color:#516316  
}
```

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 #516316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516316
}
```

Border

The CSS property to change the border of an element to Hex 516316 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".

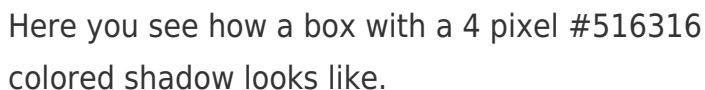
```
.border, #border, table{ border:4px solid
#516316 }
```

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

```
.border{ border-color:#516316 }
```

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

Here you see how a box with a 4 pixel #516316 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516316; -webkit-box-shadow:4px 4px  
4px 4px #516316; box-shadow:4px 4px 4px  
4px #516316 }
```

Background

The CSS property to change the background color of an element to Hex 516316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516316 }
```

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

```
.background{ background-color:#516316 }
```

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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