

# Converting Colors

Hex(516415)

Have a look what the booklet for  
Hex(516415) contains.

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**Color**

**Hex(516415)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516415
RGB	81, 100, 21
RGB Percent	32%, 39%, 8%
CMY	0.6824, 0.6078, 0.9176
CMYK	0.19, 0.00, 0.79, 0.61
HSL	74°, 65%, 24%
HSV	74°, 79%, 39%
XYZ	8.0859, 10.9178, 2.3906
YIQ	85.3130, 14.0350, -28.5970

# Conversions

## Conversions Part 2

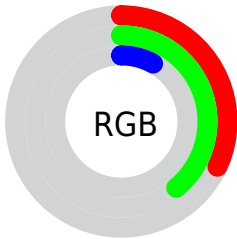
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 100, 40
Decimal	5334037
CIE <sub>Lab</sub>	39.44, -19.07, 39.59
CIE <sub>LCh</sub>	39, 43.939, 115.721
Yxy	10.9178, 0.3779, 0.5103
Android (android.graphics.Color)	4283524117 (0xFF516415)
YUV	85.3130, -31.7063, -3.7825
Hunter-Lab	33.0421, -14.1423, 18.8398

# Details

The Hex color **516415** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **281564**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **859747**, and **213500** is the 20% darker color. If you saturate the color by 10%, you get **4F640B**, and if you desaturate by 10%, it is **53641F**.

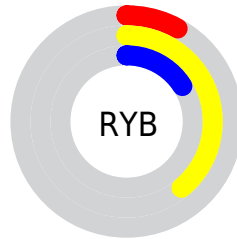
# Distribution



 Red (32%)


 Green (39%)

 Blue (8%)




 Red (8%)

 Yellow (39%)

 Blue (16%)

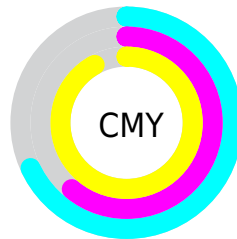


 Cyan (19%)

 Magenta (0%)

 Yellow (79%)

 Black (61%)



 Cyan (68%)

 Magenta (61%)


 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516415 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 516415 by changing the saturation by 10% instead.



 516415

 516415

FFFFFF

 384C00

 859747

 213500

 A0B260

 032000

 BBCD79


 000000

 D8E994

 F5FFAF

 FFFFCB

 FFFFE7

 516415

 516415

■ 4F640B

■ 53641F

■ 4C6401

■ 566429

■ 4C6400

■ 586433

■ 5B643D

■ 5D6447

■ 5F6451

■ 62645B

■ 646465

■ 67646F

# Harmonies

## Analogous

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



74590C



516415



1E6A32

# Triad

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



516415



006A98



9A3B64

# Complementary

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



516415



281564

# 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.



834686



516415



0063A4

# Square

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



516415



006E7B



54569E



9C3E40

# Rectangle

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



516415



006D4A



54569E



953D70



# Sweetspot

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



516415



7B8263



642715



3E422F



C2C2C2



424242



# Same Dimension

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



516415



648207



2A6415



32332E



577300



B8F200



# Inverse Universe

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



281564



240782



4F1564



2F2E33



1C0073



3A00F2



# Previews

## White Background



This preview shows how the Hex color 516415 looks on a white background.

## Color Contrast Check

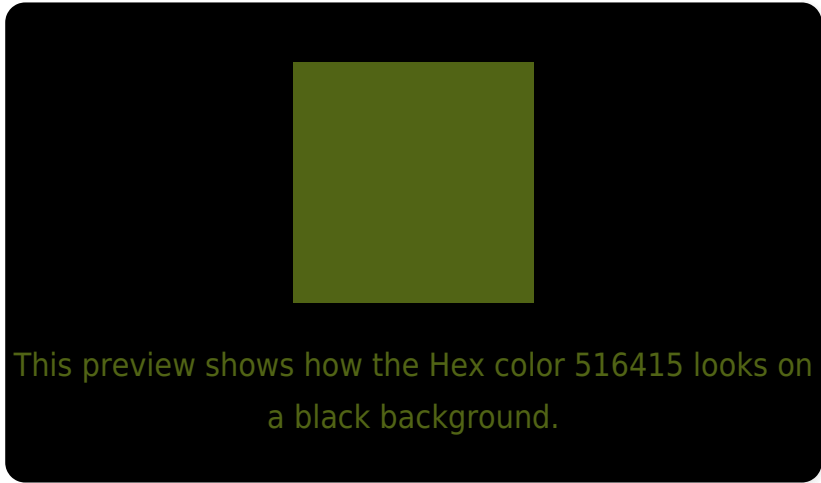
Large Text (above 18pt) WCAG AA ✓ Pass

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

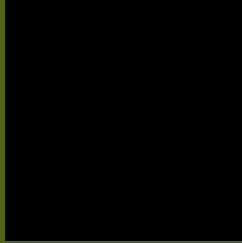
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 516415 Background



This preview shows how black text looks on a background with the Hex color 516415.



This preview shows how white text looks on a background with the Hex color 516415.

# 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**  
516415

**Protanopia**  
685D13

**Deuteranopia**  
74581B



**Tritanopia**  
595D65

# Trichromacy



**Original Color**  
516415

**Protanomaly**  
606014

**Deuteranomaly**  
675C19

**Tritanomaly**  
566048

# Monochromacy



**Original Color**  
516415

**Achromatopsia**  
555555

**Achromatomaly**  
545A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516415 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 #516415 looks like.

```
.text, #text, p{  
    color:#516415  
}
```

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 #516415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516415
}
```

## Border

The CSS property to change the border of an element to Hex 516415 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
#516415 }
```

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

```
.border{ border-color:#516415 }
```

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

Here you see how a box with a 4 pixel #516415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516415; -webkit-box-shadow:4px 4px  
4px 4px #516415; box-shadow:4px 4px 4px  
4px #516415 }
```

# Background

The CSS property to change the background color of an element to Hex 516415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516415 }
```

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

```
.background{ background-color:#516415 }
```

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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