

Converting Colors

Hex(516100)

Have a look what the booklet for
Hex(516100) contains.

Hex(516100)	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(516100)

Conversions

Conversions Part 1

Format	Color
Hex	516100
RGB	81, 97, 0
RGB Percent	32%, 38%, 0%
CMY	0.6824, 0.6196, 1.0000
CMYK	0.16, 0.00, 1.00, 0.62
HSL	70°, 100%, 19%
HSV	70°, 100%, 38%
XYZ	7.6680, 10.2987, 1.5837
YIQ	81.1580, 21.6010, -33.5590

Conversions

Conversions Part 2

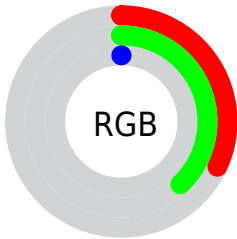
Format	Color
RYB	0, 97, 16
Decimal	5333248
CIELab	38.37, -18.32, 44.93
CIELCh	38, 48.518, 112.183
Yxy	10.2987, 0.3922, 0.5268
Android (android.graphics.Color)	4283523328 (0xFF516100)
YUV	81.1580, -40.0109, -0.1386
Hunter-Lab	32.0916, -13.5092, 19.5382

Details

The Hex color **516100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **100061**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **859439**, and **1F3300** is the 20% darker color. If you saturate the color by 10%, you get **516100**, and if you desaturate by 10%, it is **53610A**.

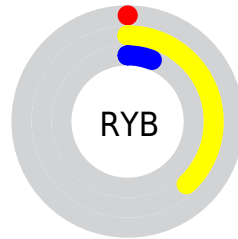
Distribution



Red (32%)

Green (38%)

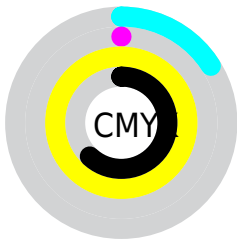
Blue (0%)



Red (0%)

Yellow (38%)

Blue (6%)

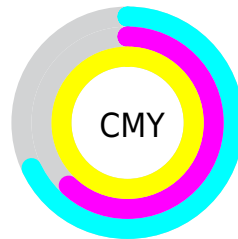


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (68%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516100 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 516100 by changing the saturation by 10% instead.

 516100

 516100

 FFFFF6

 384900

 859439

 1F3300

 A1AE52

 001E00

 BCCA6C


 000000

 D9E686

 F6FFA1

 FFFFBD

 FFFFD9

 516100

 53610A

 546113

 56611D

 576127

 596131

 5B613A

 5C6144

 5E614E

 5F6157

Harmonies

Analogous

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



765500



516100



196827

Triad

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



516100



006A98



9B3366

Complementary

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



516100



100061

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.



7F428B



516100



0062A9

Square

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



516100



006C77



4454A4



A0353F

Rectangle

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



516100



006B41



4454A4



953773

Sweetspot

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



516100



777D57



610F00



3C4029



BFBFBF



404040

Same Dimension

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



516100



687D00



226100



30302C



5E7000



C8F000

Inverse Universe

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



100061



15007D



3F0061



2C2C30



130070



2800F0

Previews

White Background



This preview shows how the Hex color 516100 looks on a white background.

Color Contrast Check

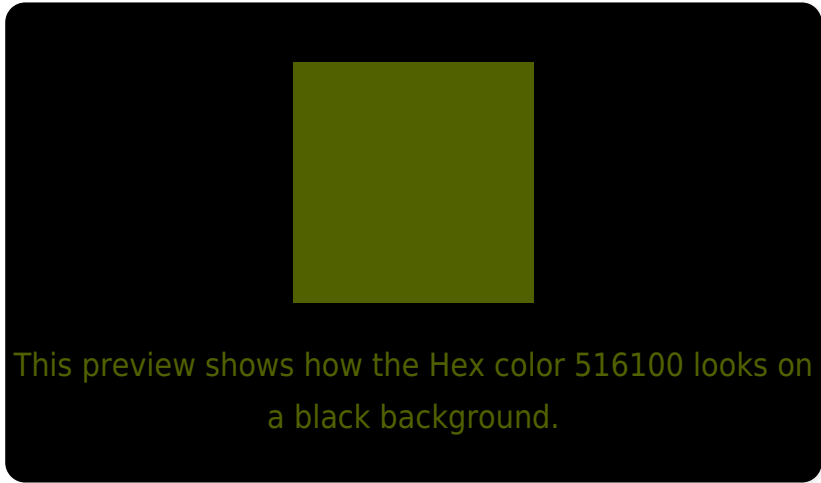
Large Text (above 18pt) WCAG AA ✓ Pass

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

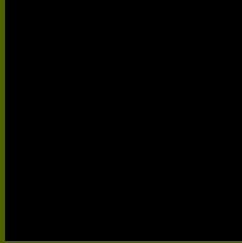
Any Text WCAG AA × Fail

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 516100 Background



This preview shows how black text looks on a background with the Hex color 516100.



This preview shows how white text looks on a background with the Hex color 516100.

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
516100

Protanopia
665B00

Deuteranopia
725611



Tritanopia
595A61

Trichromacy



Original Color
516100

Protanomaly
5E5D00

Deuteranomaly
665A0B

Tritanomaly
565D3E

Monochromacy



Original Color
516100

Achromatopsia
515151

Achromatomaly
515734

CSS Examples

Text

The CSS property to change the color of the text to Hex 516100 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 #516100 looks like.

```
.text, #text, p{  
    color:#516100  
}
```

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 #516100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516100
}
```

Border

The CSS property to change the border of an element to Hex 516100 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
#516100 }
```

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

```
.border{ border-color:#516100 }
```

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

Here you see how a box with a 4 pixel #516100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516100; -webkit-box-shadow:4px 4px  
4px 4px #516100; box-shadow:4px 4px 4px  
4px #516100 }
```

Background

The CSS property to change the background color of an element to Hex 516100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516100 }
```

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

```
.background{ background-color:#516100 }
```

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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