

# Converting Colors

Hex(518100)

Have a look what the booklet for  
Hex(518100) contains.

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**Color**

**Hex(518100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	518100
RGB	81, 129, 0
RGB Percent	32%, 51%, 0%
CMY	0.6824, 0.4941, 1.0000
CMYK	0.37, 0.00, 1.00, 0.49
HSL	82°, 100%, 25%
HSV	82°, 100%, 51%
XYZ	11.2436, 17.4498, 2.7756
YIQ	99.9420, 12.8010, -50.2950

# Conversions

## Conversions Part 2

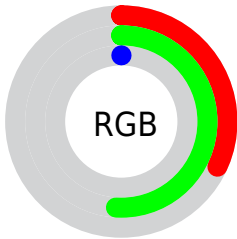
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 129, 48
Decimal	5341440
CIELab	48.82, -33.96, 52.90
CIELCh	49, 62.862, 122.696
Yxy	17.4498, 0.3573, 0.5545
Android (android.graphics.Color)	4283531520 (0xFF518100)
YUV	99.9420, -49.2714, -16.6121
Hunter-Lab	41.7730, -25.0578, 25.3017

# Details

The Hex color **518100** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **300081**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **87B641**, and **1B4F00** is the 20% darker color. If you saturate the color by 10%, you get **518100**, and if you desaturate by 10%, it is **56810D**.

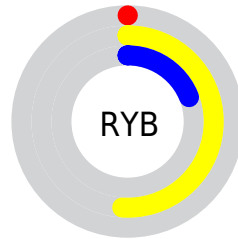
# Distribution



Red (32%)

Green (51%)

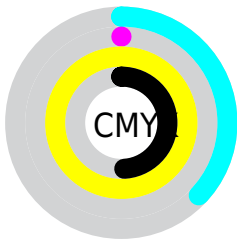
Blue (0%)



Red (0%)

Yellow (51%)

Blue (19%)

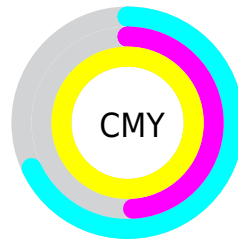


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (68%)

Magenta (49%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518100 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 518100 by changing the saturation by 10% instead.



 518100

 518100

FFFFFF

 366800

 87B641

 1B4F00

 A3D25B

 003800

 BFEE76

 002400

 DCFF91

 000000

 F9FFAD

 FFFFC9

 FFFF E5

 518100

 56810D

 5B811A

 5F8127

 648134

 698141

 6E814D

 73815A

 778167

 7C8174

# Harmonies

## Analogous

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



887300



518100



008940

# Triad

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



518100



0086D3



D03871

# Complementary

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



518100



300081

# 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.



B748A6



518100



0079DF

# Square

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



518100



008BAC



7863CE



CC453E

# Rectangle

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



518100



008B65



7863CE



CB3A83



# Sweetspot

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



518100



96A876



812F00



495436



D4D4D4



545454



# Same Dimension

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



518100



6AA800



118100



3D4039



508000



000000



# Inverse Universe

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



300081



3F00A8



700081



3C3940



2F0080



000000



# Previews

## White Background



This preview shows how the Hex color 518100 looks on a white background.

## Color Contrast Check

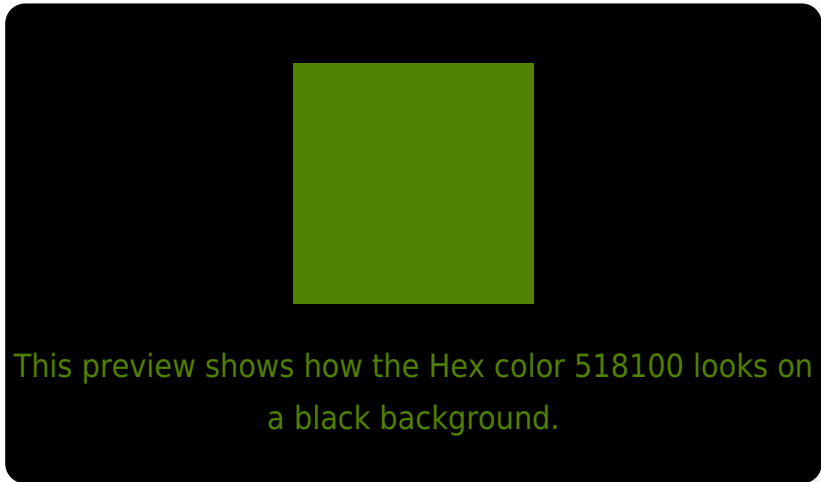
Large Text (above 18pt) WCAG AA ✓ Pass

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 518100 Background



This preview shows how black text looks on a background with the Hex color 518100.



This preview shows how white text looks on a background with the Hex color 518100.

# 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**  
518100

**Protanopia**  
827400

**Deuteranopia**  
926E19



**Tritanopia**  
5F7881

# Trichromacy



**Original Color**  
518100

**Protanomaly**  
707900

**Deuteranomaly**  
7A7510

**Tritanomaly**  
5A7B52

# Monochromacy



**Original Color**  
518100

**Achromatopsia**  
646464

**Achromatomaly**  
5D6F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518100 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 #518100 looks like.

```
.text, #text, p{  
    color:#518100  
}
```

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 #518100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518100
}
```

## Border

The CSS property to change the border of an element to Hex 518100 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".

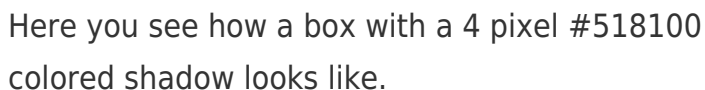
```
.border, #border, table{ border:4px solid
#518100 }
```

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

```
.border{ border-color:#518100 }
```

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

Here you see how a box with a 4 pixel #518100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518100; -webkit-box-shadow:4px 4px  
4px 4px #518100; box-shadow:4px 4px 4px  
4px #518100 }
```

# Background

The CSS property to change the background color of an element to Hex 518100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518100 }
```

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

```
.background{ background-color:#518100 }
```

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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