

# Converting Colors

Hex(518300)

Have a look what the booklet for  
Hex(518300) contains.

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**Color**

**Hex(518300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	518300
RGB	81, 131, 0
RGB Percent	32%, 51%, 0%
CMY	0.6824, 0.4863, 1.0000
CMYK	0.38, 0.00, 1.00, 0.49
HSL	83°, 100%, 26%
HSV	83°, 100%, 51%
XYZ	11.5096, 17.9819, 2.8642
YIQ	101.1160, 12.2510, -51.3410

# Conversions

## Conversions Part 2

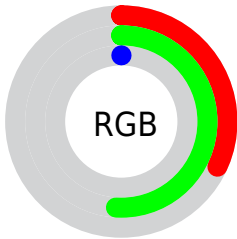
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 50
Decimal	5341952
CIELab	49.47, -34.85, 53.41
CIELCh	49, 63.769, 123.125
Yxy	17.9819, 0.3557, 0.5558
Android (android.graphics.Color)	4283532032 (0xFF518300)
YUV	101.1160, -49.8502, -17.6417
Hunter-Lab	42.4051, -25.7603, 25.6789

# Details

The Hex color **518300** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **320083**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **87B841**, and **1A5100** is the 20% darker color. If you saturate the color by 10%, you get **518300**, and if you desaturate by 10%, it is **56830D**.

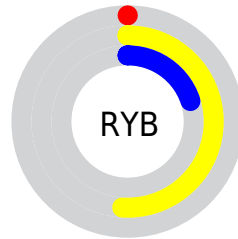
# Distribution



Red (32%)

Green (51%)

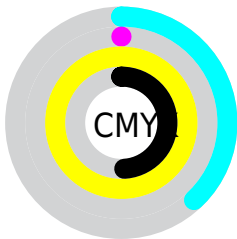
Blue (0%)



Red (0%)

Yellow (51%)

Blue (20%)

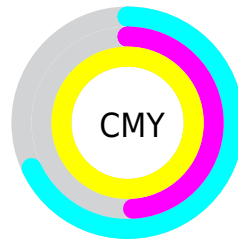


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (68%)

Magenta (49%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 518300 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 518300 by changing the saturation by 10% instead.



 518300

 518300

FFFFFF

 366A00

 87B841

 1A5100

 A3D45C

 003900

 BFF177

 002500


 DCFF92

 000000

 FAFFAD

 FFFFC9

 FFFFE6

 518300

 56830D

 5B831A

 608327

 658334

 6A8342

 6F834F

 74835C

 798369

 7E8376

# Harmonies

## Analogous

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



897500



518300



008B41

# Triad

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



518300



0088D6



D33872

# Complementary

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



518300



320083

# 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.



BA49A8



518300



007BE3

# Square

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



518300



008DB0



7B64D1



CF463E

# Rectangle

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



518300



008D67



7B64D1



CF3B84



# Sweetspot

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



518300



97AB78



833000



4B5737



D6D6D6



575757



# Same Dimension

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



518300



6AAB00



118300



40423C



508200



020300



# Inverse Universe

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



320083



4100AB



720083



3E3C42



320082



010003



# Previews

## White Background



This preview shows how the Hex color 518300 looks on a white background.

## Color Contrast Check

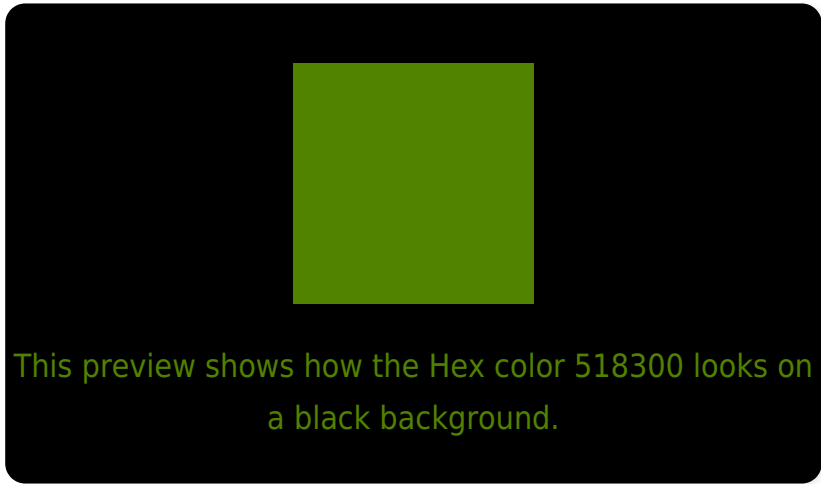
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 518300 Background



This preview shows how black text looks on a background with the Hex color 518300.



This preview shows how white text looks on a background with the Hex color 518300.

# 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**  
518300

**Protanopia**  
847600

**Deuteranopia**  
946F1A



**Tritanopia**  
5F7A84

# Trichromacy



**Original Color**  
518300

**Protanomaly**  
717B00

**Deuteranomaly**  
7C7611

**Tritanomaly**  
5A7D54

# Monochromacy



**Original Color**  
518300

**Achromatopsia**  
656565

**Achromatomaly**  
5E7040

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518300 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 #518300 looks like.

```
.text, #text, p{  
    color:#518300  
}
```

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 #518300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518300
}
```

## Border

The CSS property to change the border of an element to Hex 518300 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
#518300 }
```

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

```
.border{ border-color:#518300 }
```

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

Here you see how a box with a 4 pixel #518300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518300; -webkit-box-shadow:4px 4px  
4px 4px #518300; box-shadow:4px 4px 4px  
4px #518300 }
```

# Background

The CSS property to change the background color of an element to Hex 518300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518300 }
```

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

```
.background{ background-color:#518300 }
```

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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