

# Converting Colors

Hex(518B20)

Have a look what the booklet for  
Hex(518B20) contains.

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**Color**

**Hex(518B20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	518B20
RGB	81, 139, 32
RGB Percent	32%, 55%, 13%
CMY	0.6824, 0.4549, 0.8745
CMYK	0.42, 0.00, 0.77, 0.45
HSL	93°, 63%, 34%
HSV	93°, 77%, 55%
XYZ	12.8867, 20.3189, 4.6092
YIQ	109.4600, -0.2210, -45.5730

# Conversions

## Conversions Part 2

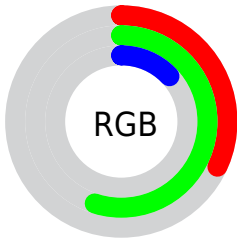
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 139, 90
Decimal	5344032
CIE <sub>Lab</sub>	52.20, -37.08, 47.88
CIE <sub>LCh</sub>	52, 60.558, 127.760
Yxy	20.3189, 0.3408, 0.5373
Android (android.graphics.Color)	4283534112 (0xFF518B20)
YUV	109.4600, -38.1878, -24.9594
Hunter-Lab	45.0764, -27.8533, 25.4909

# Details

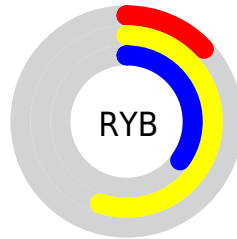
The Hex color **518B20** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A208B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **87C155**, and **195800** is the 20% darker color. If you saturate the color by 10%, you get **498B12**, and if you desaturate by 10%, it is **598B2E**.

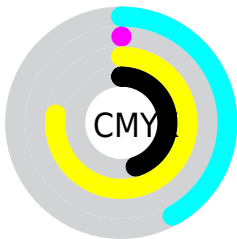
# Distribution



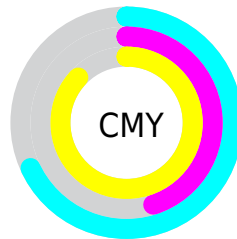
- Red (32%)
- Green (55%)
- Blue (13%)



- Red (13%)
- Yellow (55%)
- Blue (35%)



- Cyan (42%)
- Magenta (0%)
- Yellow (77%)
- Black (45%)




- Cyan (68%)
- Magenta (45%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 518B20 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 518B20 by changing the saturation by 10% instead.



 518B20

 518B20

FFFFFF

 367100

 87C155

 195800

 A3DD6F

 004000

 BFFA89

 002A00

 DCFFA5


 000E00

 F9FFC0

 000000

 FFFFDD

 FFFFFA

 518B20

 518B20

■ 498B12

■ 598B2E

■ 428B04

■ 608B3C

■ 408B00

■ 688B4A

■ 6F8B58

■ 778B66

■ 7E8B73

■ 868B81

■ 8D8B8F

■ 958B9D

# Harmonies

## Analogous

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



897E00



518B20



009253

# Triad

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



518B20



008CDD



D94671

# Complementary

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



518B20



5A208B

# 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.



C550A5



518B20



007EE4

# Square

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



518B20



0093BB



8F68CF



D15540

# Rectangle

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



518B20



009477



8F68CF



D54783



# Sweetspot

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



518B20



9EB58B



8B5920



4E5C42



DBDBDB



5C5C5C



# Same Dimension

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



518B20



5BB50E



208B24



41453E



3D8500



020500



# Inverse Universe

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



5A208B



690EB5



8B2087



423E45



480085



030005



# Previews

## White Background



This preview shows how the Hex color 518B20 looks on a white background.

## Color Contrast Check

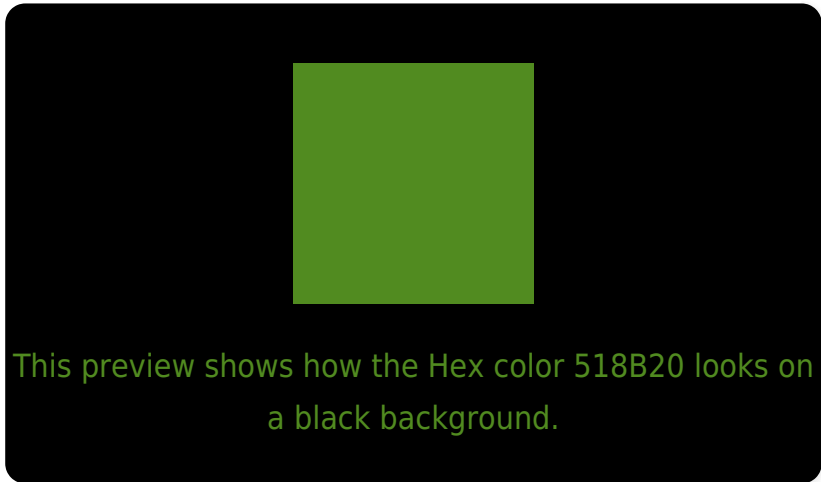
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 518B20 Background



This preview shows how black text looks on a background with the Hex color 518B20.



This preview shows how white text looks on a background with the Hex color 518B20.

# 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**  
518B20

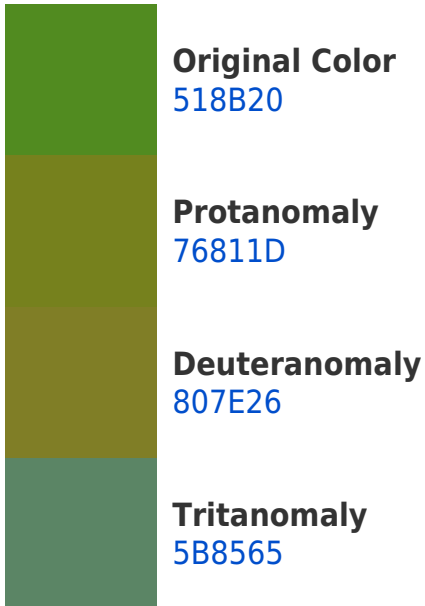
**Protanopia**  
8B7C1C

**Deuteranopia**  
9B7629

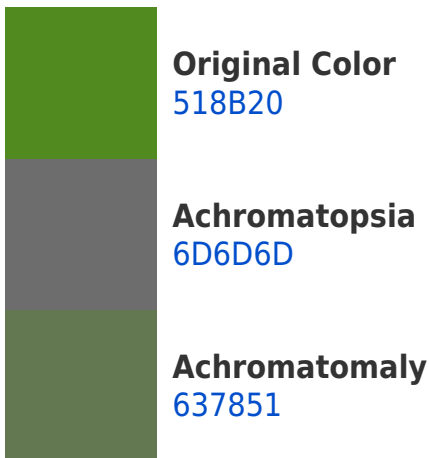


**Tritanopia**  
61828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518B20 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 #518B20 looks like.

```
.text, #text, p{  
    color:#518B20  
}
```

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 #518B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518B20
}
```

## Border

The CSS property to change the border of an element to Hex 518B20 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".

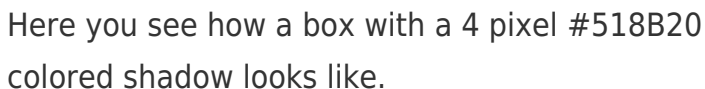
```
.border, #border, table{ border:4px solid
#518B20 }
```

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

```
.border{ border-color:#518B20 }
```

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

Here you see how a box with a 4 pixel #518B20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518B20; -webkit-box-shadow:4px 4px  
4px 4px #518B20; box-shadow:4px 4px 4px  
4px #518B20 }
```

# Background

The CSS property to change the background color of an element to Hex 518B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518B20 }
```

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

```
.background{ background-color:#518B20 }
```

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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