

# Converting Colors

Hex(518A2F)

Have a look what the booklet for  
Hex(518A2F) contains.

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# Color

Hex(518A2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	518A2F
RGB	81, 138, 47
RGB Percent	32%, 54%, 18%
CMY	0.6824, 0.4588, 0.8157
CMYK	0.41, 0.00, 0.66, 0.46
HSL	98°, 49%, 36%
HSV	98°, 66%, 54%
XYZ	12.9949, 20.1315, 5.8902
YIQ	110.5830, -4.7610, -40.3850

# Conversions

## Conversions Part 2

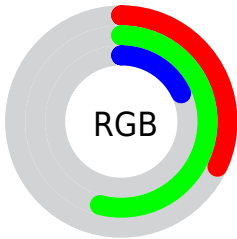
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 138, 104
Decimal	5343791
CIE <sub>Lab</sub>	51.99, -35.46, 41.58
CIE <sub>LCh</sub>	52, 54.644, 130.460
Yxy	20.1315, 0.3331, 0.5160
Android (android.graphics.Color)	4283533871 (0xFF518A2F)
YUV	110.5830, -31.3464, -25.9443
Hunter-Lab	44.8682, -26.8214, 23.6243

# Details

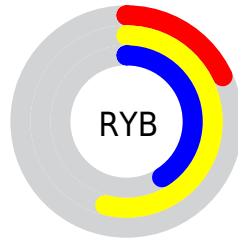
The Hex color **518A2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **682F8A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **86C061**, and **1A5700** is the 20% darker color. If you saturate the color by 10%, you get **488A21**, and if you desaturate by 10%, it is **5A8A3D**.

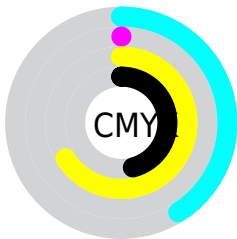
# Distribution



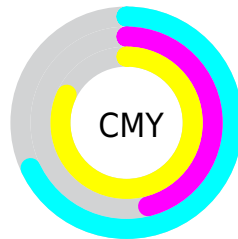
- Red (32%)
- Green (54%)
- Blue (18%)



- Red (18%)
- Yellow (54%)
- Blue (41%)



- Cyan (41%)
- Magenta (0%)
- Yellow (66%)
- Black (46%)




- Cyan (68%)
- Magenta (46%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518A2F 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 518A2F by changing the saturation by 10% instead.



 518A2F

 518A2F

FFFFFF

 377015

 86C061

 1A5700

 A2DC7B

 003F00

 BEF996

 002900


 DAFFB1

 000D00

 F8FFCD

 000000

 FFFFEA

 518A2F

 518A2F

 488A21

 5A8A3D

 408A13

 628A4B

 378A06

 6B8A58

 348A00

 748A66

 7C8A74

 858A82

 8E8A90

 968A9D

 9F8AAB

# Harmonies

## Analogous

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



847F10



518A2F



00905B

# Triad

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



518A2F



0089D4



D14F6D

# Complementary

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



518A2F



682F8A

# 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.



C0559C



518A2F



367CD8

# Square

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



518A2F



0090B8



9368C4



C85B41

# Rectangle

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



518A2F



00927B



9368C4



CE4E7D



# Sweetspot

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



518A2F



9CB38F



8A672F



4C5944



D9D9D9



595959



# Same Dimension

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



518A2F



5AB325



2F8A3A



41453E



328500



020500



# Inverse Universe

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



682F8A



7E25B3



8A2F7F



423E45



530085



030005



# Previews

## White Background



This preview shows how the Hex color 518A2F looks on a white background.

## Color Contrast Check

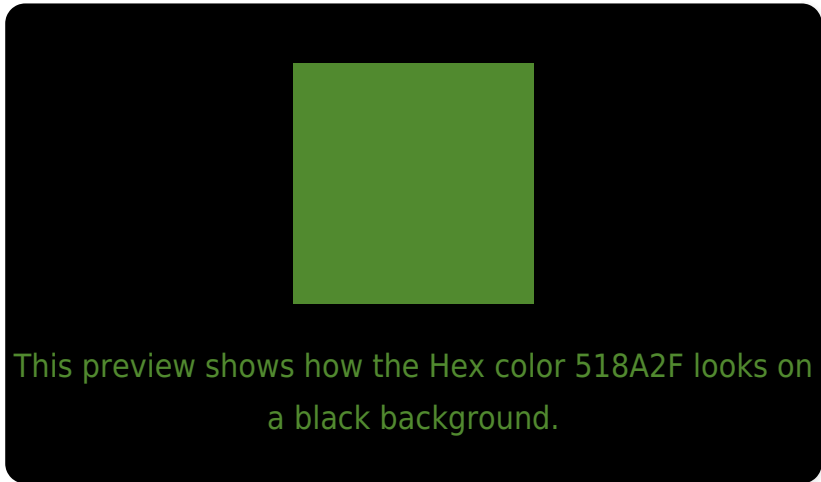
Large Text (above 18pt) WCAG AA ✓ Pass

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 518A2F Background



This preview shows how black text looks on a background with the Hex color 518A2F.



This preview shows how white text looks on a background with the Hex color 518A2F.

# 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**  
518A2F

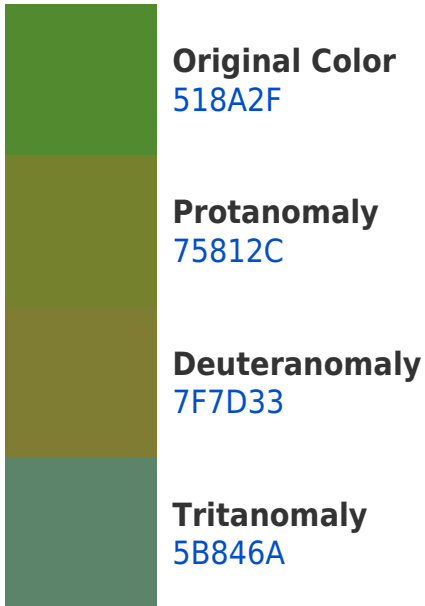
**Protanopia**  
8A7C2B

**Deuteranopia**  
997536

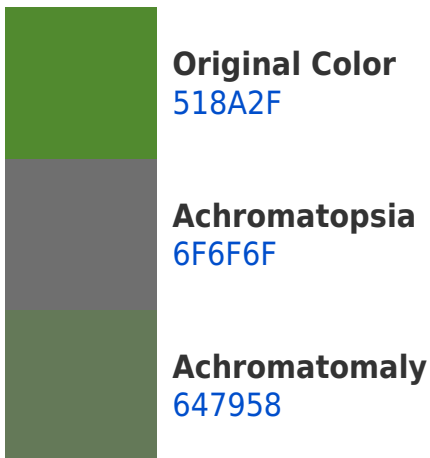


**Tritanopia**  
60818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518A2F 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 #518A2F looks like.

```
.text, #text, p{  
    color:#518A2F  
}
```

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 #518A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518A2F
}
```

## Border

The CSS property to change the border of an element to Hex 518A2F 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
#518A2F }
```

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

```
.border{ border-color:#518A2F }
```

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

Here you see how a box with a 4 pixel #518A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518A2F; -webkit-box-shadow:4px 4px  
4px 4px #518A2F; box-shadow:4px 4px 4px  
4px #518A2F }
```

# Background

The CSS property to change the background color of an element to Hex 518A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518A2F }
```

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

```
.background{ background-color:#518A2F }
```

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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