

# Converting Colors

Hex(4F3118)

Have a look what the booklet for  
Hex(4F3118) contains.

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# Color

**Hex(4F3118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F3118
RGB	79, 49, 24
RGB Percent	31%, 19%, 9%
CMY	0.6902, 0.8078, 0.9059
CMYK	0.00, 0.38, 0.70, 0.69
HSL	27°, 53%, 20%
HSV	27°, 70%, 31%
XYZ	4.4876, 3.9248, 1.3852
YIQ	55.1200, 25.9050, -1.4150

# Conversions

## Conversions Part 2

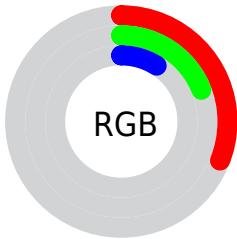
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 70, 24
Decimal	5189912
CIELab	23.42, 10.80, 21.28
CIElCh	23, 23.861, 63.099
Yxy	3.9248, 0.4580, 0.4006
Android (android.graphics.Color)	4283379992 (0xFF4F3118)
YUV	55.1200, -15.3422, 20.9428
Hunter-Lab	19.8112, 5.7642, 9.7223

# Details

The Hex color **4F3118** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18364F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **835F44**, and **200400** is the 20% darker color. If you saturate the color by 10%, you get **4F2D10**, and if you desaturate by 10%, it is **4F3520**.

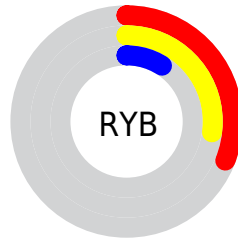
# Distribution



Red (31%)

Green (19%)

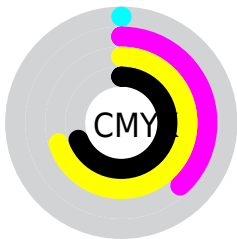
Blue (9%)



Red (31%)

Yellow (27%)

Blue (9%)

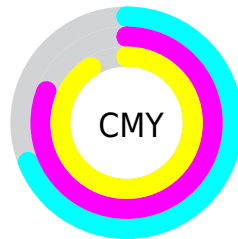


Cyan (0%)

Magenta (38%)

Yellow (70%)

Black (69%)



Cyan (69%)

Magenta (81%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3118 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 4F3118 by changing the saturation by 10% instead.





4F3118



4F3118

FFFFFFD



371C00



835F44



200400



9E785C



000000



B99274



D6AC8E



F2C8A9



FFE4C4



FFFFE0



4F3118



4F3118

■ 4F2D10

■ 4F3520

■ 4F2808

■ 4F3A28

■ 4F2400

■ 4F3E30

■ 4F4238

■ 4F4740

■ 4F4B47

■ 4F4F4F

■ 4F5357

■ 4F585F

# Harmonies

## Analogous

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



582B25



4F3118



403713

# Triad

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



4F3118



004139



3B3256

# Complementary

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



4F3118



18364F

# 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.



1B395B



4F3118



00404B

# Square

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



4F3118



163F27



003E57



4F2C48

# Rectangle

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



4F3118



353B16



003E57



323559



# Sweetspot

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



4F3118



665A51



4F1836



332C26



B3B3B3



333333



# Same Dimension

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



4F3118



663710



4F4C18



262422



662E00



E66800



# Inverse Universe

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



18364F



103F66



181B4F



222526



003866



007DE6



# Previews

## White Background



This preview shows how the Hex color 4F3118 looks on a white background.

## Color Contrast Check

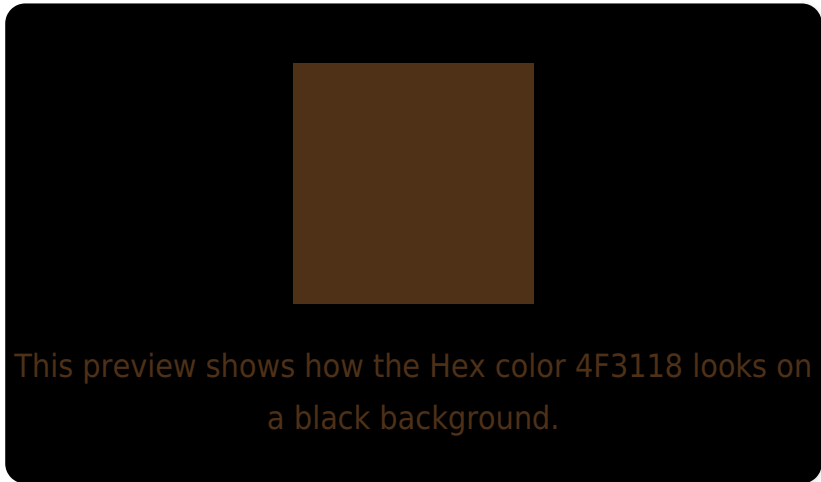
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

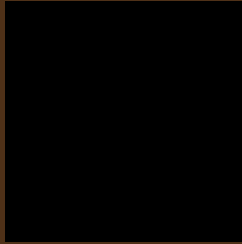
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F3118 Background



This preview shows how black text looks on a background with the Hex color 4F3118.

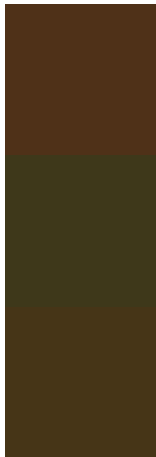


This preview shows how white text looks on a background with the Hex color 4F3118.

# 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**  
4F3118

**Protanopia**  
3E381A

**Deuteranopia**  
463517



**Tritanopia**  
512E32

# Trichromacy



**Original Color**  
4F3118

**Protanomaly**  
443519

**Deuteranomaly**  
493417

**Tritanomaly**  
502F29

# Monochromacy



**Original Color**  
4F3118

**Achromatopsia**  
373737

**Achromatomaly**  
40352C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3118 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 #4F3118 looks like.

```
.text, #text, p{  
    color:#4F3118  
}
```

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 #4F3118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3118
}
```

## Border

The CSS property to change the border of an element to Hex 4F3118 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
#4F3118 }
```

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

```
.border{ border-color:#4F3118 }
```

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

Here you see how a box with a 4 pixel #4F3118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3118; -webkit-box-shadow:4px 4px  
4px 4px #4F3118; box-shadow:4px 4px 4px  
4px #4F3118 }
```

# Background

The CSS property to change the background color of an element to Hex 4F3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3118 }
```

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

```
.background{ background-color:#4F3118 }
```

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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