

# Converting Colors

Hex(4C7118)

Have a look what the booklet for  
Hex(4C7118) contains.

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# Color

Hex(4C7118)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7118
RGB	76, 113, 24
RGB Percent	30%, 44%, 9%
CMY	0.7020, 0.5569, 0.9059
CMYK	0.33, 0.00, 0.79, 0.56
HSL	85°, 65%, 27%
HSV	85°, 79%, 44%
XYZ	9.0505, 13.4127, 2.9761
YIQ	91.7910, 6.5170, -35.5230

# Conversions

## Conversions Part 2

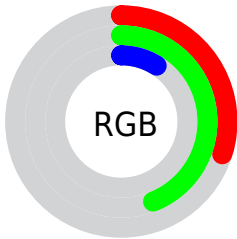
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 113, 61
Decimal	5009688
CIE <sub>Lab</sub>	43.38, -27.62, 42.13
CIE <sub>LCh</sub>	43, 50.378, 123.248
Yxy	13.4127, 0.3558, 0.5272
Android (android.graphics.Color)	4283199768 (0xFF4C7118)
YUV	91.7910, -33.4210, -13.8487
Hunter-Lab	36.6234, -19.9793, 20.8184

# Details

The Hex color **4C7118** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D1871**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **80A54B**, and **1A4100** is the 20% darker color. If you saturate the color by 10%, you get **47710D**, and if you desaturate by 10%, it is **517123**.

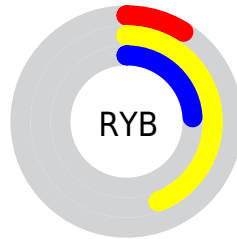
# Distribution



Red (30%)

Green (44%)

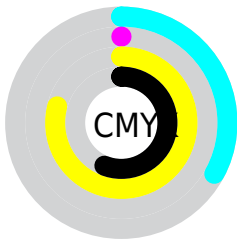
Blue (9%)



Red (9%)

Yellow (44%)

Blue (24%)

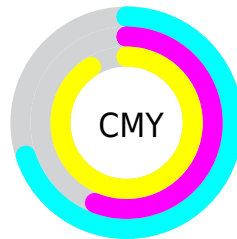


Cyan (33%)

Magenta (0%)

Yellow (79%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7118 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 4C7118 by changing the saturation by 10% instead.





4C7118



4C7118

FFFFFF



335800



80A54B



1A4100



9BC064



002A00



B7DC7E



001400



D3F999



000000



F0FFB4



FFFFD0



FFFFED



4C7118



4C7118

■ 47710D

■ 517123

■ 437101

■ 55712F

■ 427100

■ 5A713A

■ 5F7145

■ 637151

■ 68715C

■ 6D7167

■ 727172

■ 76717E

# Harmonies

## Analogous

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



776600



4C7118



00773F

# Triad

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



4C7118



0074B1



B03C64

# Complementary

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



4C7118



3D1871

# 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.



9C468D



4C7118



006ABA

# Square

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



4C7118



007993



6C59AD



AD453B

# Rectangle

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



4C7118



00795B



6C59AD



AC3E72



# Sweetspot

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



4C7118



859470



713C18



414A35



C9C9C9



4A4A4A



# Same Dimension

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



4C7118



599407



217118



363832



467800



91F700



# Inverse Universe

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



3D1871



420794



681871



353238



320078



6700F7



# Previews

## White Background



This preview shows how the Hex color 4C7118 looks on a white background.

## Color Contrast Check

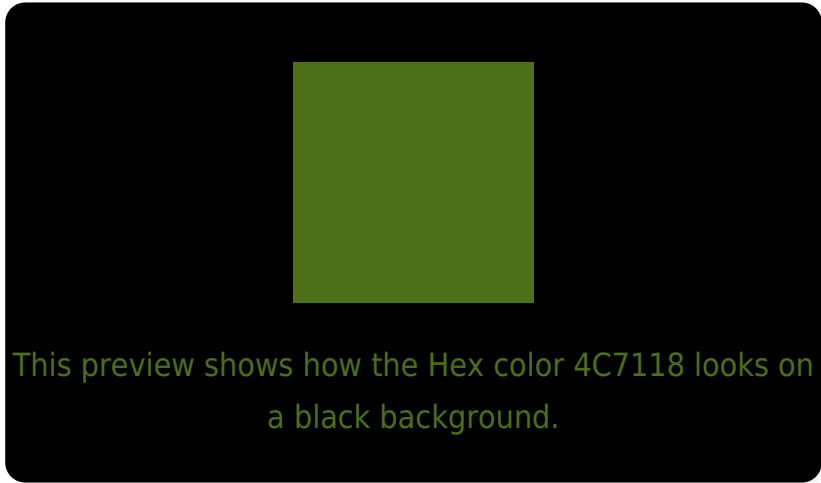
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C7118 Background



This preview shows how black text looks on a background with the Hex color 4C7118.



This preview shows how white text looks on a background with the Hex color 4C7118.

# 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**  
4C7118

**Protanopia**  
736615

**Deuteranopia**  
806120



**Tritanopia**  
576972

# Trichromacy



**Original Color**  
4C7118

**Protanomaly**  
656A16

**Deuteranomaly**  
6D671D

**Tritanomaly**  
536C51

# Monochromacy



**Original Color**  
4C7118

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
566443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7118 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 #4C7118 looks like.

```
.text, #text, p{  
    color:#4C7118  
}
```

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 #4C7118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7118  
}
```

## Border

The CSS property to change the border of an element to Hex 4C7118 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  
#4C7118 }
```

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

```
.border{ border-color:#4C7118 }
```

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

Here you see how a box with a 4 pixel #4C7118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7118; -webkit-box-shadow:4px 4px  
4px 4px #4C7118; box-shadow:4px 4px 4px  
4px #4C7118 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7118 }
```

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

```
.background{ background-color:#4C7118 }
```

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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