

Converting Colors

Hex(4C711C)

Have a look what the booklet for
Hex(4C711C) contains.

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Color

Hex(4C711C)

Conversions

Conversions Part 1

Format	Color
Hex	4C711C
RGB	76, 113, 28
RGB Percent	30%, 44%, 11%
CMY	0.7020, 0.5569, 0.8902
CMYK	0.33, 0.00, 0.75, 0.56
HSL	86°, 60%, 28%
HSV	86°, 75%, 44%
XYZ	9.0952, 13.4306, 3.2116
YIQ	92.2470, 5.2330, -34.2790

Conversions

Conversions Part 2

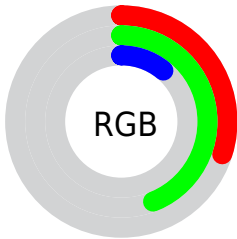
Format	Color
R_{YB}	28, 113, 65
Decimal	5009692
CIE _{Lab}	43.41, -27.36, 40.63
CIE _{LCh}	43, 48.981, 123.956
Yxy	13.4306, 0.3534, 0.5218
Android (android.graphics.Color)	4283199772 (0xFF4C711C)
YUV	92.2470, -31.6738, -14.2486
Hunter-Lab	36.6478, -19.8336, 20.4576

Details

The Hex color **4C711C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **411C71**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **80A54E**, and **1B4100** is the 20% darker color. If you saturate the color by 10%, you get **477111**, and if you desaturate by 10%, it is **517127**.

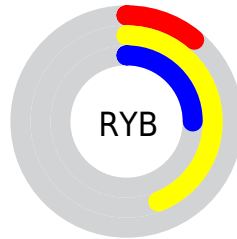
Distribution



 Red (30%)

 Green (44%)

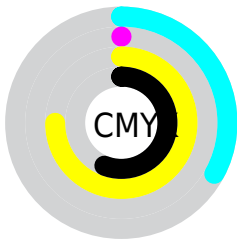
 Blue (11%)




 Red (11%)

 Yellow (44%)

 Blue (25%)

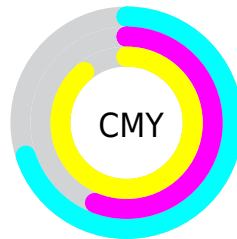


 Cyan (33%)

 Magenta (0%)

 Yellow (75%)

 Black (56%)



 Cyan (70%)

 Magenta (56%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C711C 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 4C711C by changing the saturation by 10% instead.

 4C711C

 4C711C

FFFFFF

 335800

 80A54E

 1B4100

 9BC067

 002A00

 B7DC81

 001400

 D3F99C

 000000

 F0FFB7

 FFFFD3

 FFFFF0

 4C711C

 4C711C

■ 477111

■ 517127

■ 427105

■ 567133

■ 407100

■ 5B713E

■ 607149

■ 657155

■ 6A7160

■ 6E716B

■ 737176

■ 787182

Harmonies

Analogous

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



766605



4C711C



007741

Triad

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



4C711C



0074AF



AF3E63

Complementary

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



4C711C



411C71

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.



9B478B



4C711C



006AB8

Square

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



4C711C



007993



6E59AA



AB463C

Rectangle

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



4C711C



00795D



6E59AA



AB3F71

Sweetspot

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



4C711C



859472



71411C



414A35



C9C9C9



4A4A4A

Same Dimension

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



4C711C



5A940F



22711C



363832



447800



8CF700

Inverse Universe

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



411C71



490F94



6B1C71



353238



340078



6C00F7

Previews

White Background



This preview shows how the Hex color 4C711C looks on a white background.

Color Contrast Check

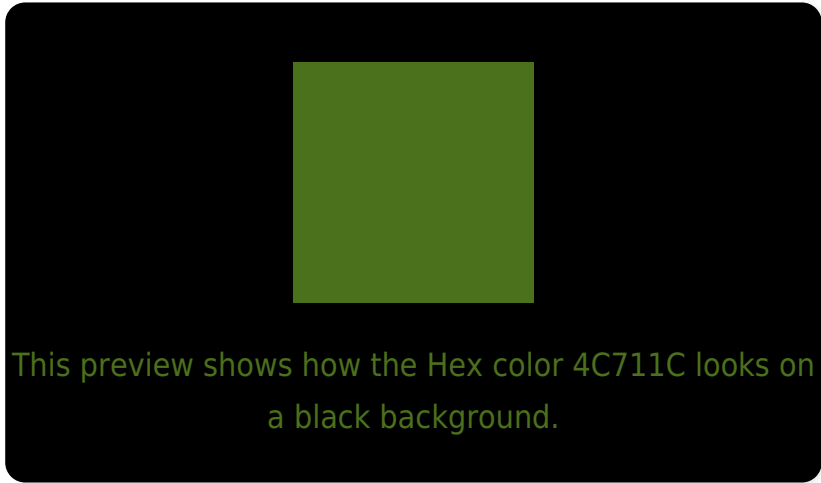
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C711C Background



This preview shows how black text looks on a background with the Hex color 4C711C.



This preview shows how white text looks on a background with the Hex color 4C711C.

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
4C711C

Protanopia
736619

Deuteranopia
806123



Tritanopia
576972

Trichromacy



Original Color
4C711C

Protanomaly
656A1A

Deuteranomaly
6D6720

Tritanomaly
536C53

Monochromacy



Original Color
4C711C

Achromatopsia
5C5C5C

Achromatomaly
566445

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C711C 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 #4C711C looks like.

```
.text, #text, p{  
    color:#4C711C  
}
```

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 #4C711C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C711C
}
```

Border

The CSS property to change the border of an element to Hex 4C711C 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
#4C711C }
```

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

```
.border{ border-color:#4C711C }
```

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

Here you see how a box with a 4 pixel #4C711C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C711C; -webkit-box-shadow:4px 4px  
4px 4px #4C711C; box-shadow:4px 4px 4px  
4px #4C711C }
```

Background

The CSS property to change the background color of an element to Hex 4C711C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C711C }
```

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

```
.background{ background-color:#4C711C }
```

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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