

Converting Colors

Hex(4C761F)

Have a look what the booklet for
Hex(4C761F) contains.

Hex(4C761F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C761F)

Conversions

Conversions Part 1

Format	Color
Hex	4C761F
RGB	76, 118, 31
RGB Percent	30%, 46%, 12%
CMY	0.7020, 0.5373, 0.8784
CMYK	0.36, 0.00, 0.74, 0.54
HSL	89°, 58%, 29%
HSV	89°, 74%, 46%
XYZ	9.7062, 14.5923, 3.6013
YIQ	95.5240, 2.8950, -35.9610

Conversions

Conversions Part 2

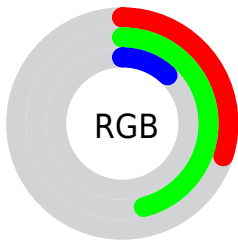
Format	Color
R_{YB}	31, 118, 73
Decimal	5010975
CIE _{Lab}	45.07, -29.53, 41.09
CIE _{LCh}	45, 50.603, 125.698
Yxy	14.5923, 0.3479, 0.5230
Android (android.graphics.Color)	4283201055 (0xFF4C761F)
YUV	95.5240, -31.8103, -17.1225
Hunter-Lab	38.1999, -21.4945, 21.1503

Details

The Hex color **4C761F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **491F76**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **80AA51**, and **1A4500** is the 20% darker color. If you saturate the color by 10%, you get **467613**, and if you desaturate by 10%, it is **52762B**.

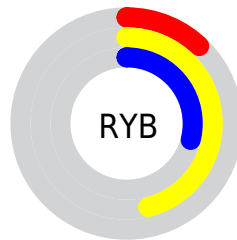
Distribution



Red (30%)

Green (46%)

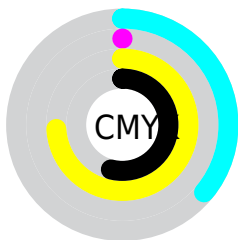
Blue (12%)



Red (12%)

Yellow (46%)

Blue (29%)

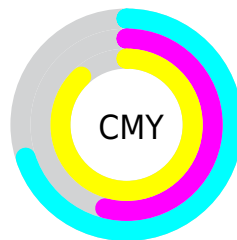


Cyan (36%)

Magenta (0%)

Yellow (74%)

Black (54%)



Cyan (70%)

Magenta (54%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C761F 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 4C761F by changing the saturation by 10% instead.



4C761F



4C761F

FFFFFF



325D01



80AA51



1A4500



9BC66B



002E00



B7E285



001A00



D3FF9F



000000



F0FFBB



FFFFD7



FFFFF4



4C761F



4C761F

■ 467613

■ 52762B

■ 417607

■ 577637

■ 3D7600

■ 5D7642

■ 63764E

■ 68765A

■ 6E7666

■ 747672

■ 7A767D

■ 7F7689

Harmonies

Analogous

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



786B05



4C761F



007C46

Triad

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



4C761F



0078B7



B64164

Complementary

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



4C761F



491F76

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.



A4498E



4C761F



006DBF

Square

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



4C761F



007D9B



765CB0



B14A3C

Rectangle

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



4C761F



007E63



765CB0



B34173

Sweetspot

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



4C761F



899977



76481F



434D39



CCCCCC



4D4D4D

Same Dimension

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



4C761F



589912



22761F



383B35



3F7A00



81FA00

Inverse Universe

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



491F76



531299



731F76



38353B



3B007A



7900FA

Previews

White Background



This preview shows how the Hex color 4C761F looks on a white background.

Color Contrast Check

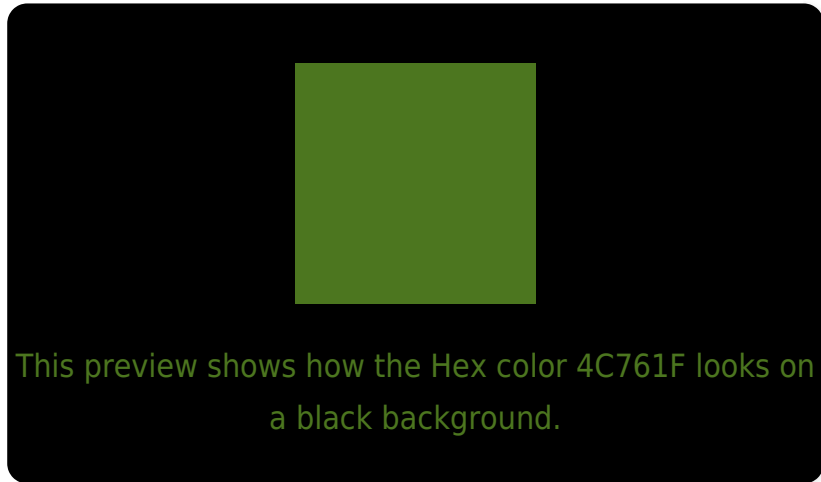
Large Text (above 18pt) WCAG AA ✓ Pass

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

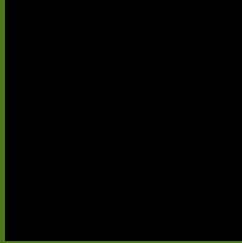
Any Text WCAG AA × Fail

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 4C761F Background



This preview shows how black text looks on a background with the Hex color 4C761F.



This preview shows how white text looks on a background with the Hex color 4C761F.

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
4C761F

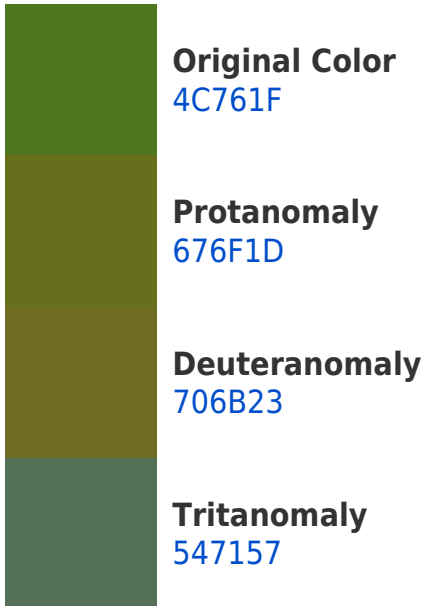
Protanopia
776B1C

Deuteranopia
856526



Tritanopia
586E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C761F 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 #4C761F looks like.

```
.text, #text, p{  
    color:#4C761F  
}
```

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 #4C761F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C761F
}
```

Border

The CSS property to change the border of an element to Hex 4C761F 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
#4C761F }
```

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

```
.border{ border-color:#4C761F }
```

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

Here you see how a box with a 4 pixel #4C761F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C761F; -webkit-box-shadow:4px 4px  
4px 4px #4C761F; box-shadow:4px 4px 4px  
4px #4C761F }
```

Background

The CSS property to change the background color of an element to Hex 4C761F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C761F }
```

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

```
.background{ background-color:#4C761F }
```

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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