

Converting Colors

Hex(4C8F00)

Have a look what the booklet for
Hex(4C8F00) contains.

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Color

Hex(4C8F00)

Conversions

Conversions Part 1

Format	Color
Hex	4C8F00
RGB	76, 143, 0
RGB Percent	30%, 56%, 0%
CMY	0.7020, 0.4392, 1.0000
CMYK	0.47, 0.00, 1.00, 0.44
HSL	88°, 100%, 28%
HSV	88°, 100%, 56%
XYZ	12.8030, 21.1814, 3.4136
YIQ	106.6650, 5.9710, -58.6770

Conversions

Conversions Part 2

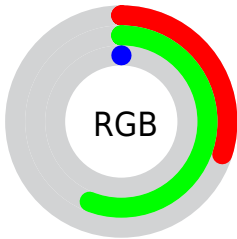
Format	Color
RYB	0, 143, 67
Decimal	5017344
CIELab	53.15, -41.74, 56.16
CIELCh	53, 69.971, 126.625
Yxy	21.1814, 0.3423, 0.5664
Android (android.graphics.Color)	4283207424 (0xFF4C8F00)
YUV	106.6650, -52.5858, -26.8932
Hunter-Lab	46.0233, -30.8848, 27.8186

Details

The Hex color **4C8F00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **43008F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **84C544**, and **0D5C00** is the 20% darker color. If you saturate the color by 10%, you get **4C8F00**, and if you desaturate by 10%, it is **538F0E**.

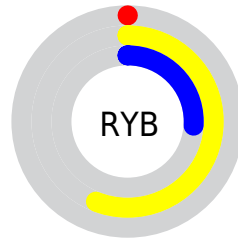
Distribution



Red (30%)

Green (56%)

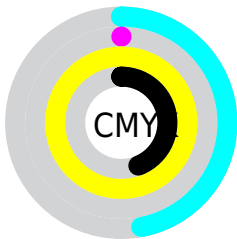
Blue (0%)



Red (0%)

Yellow (56%)

Blue (26%)

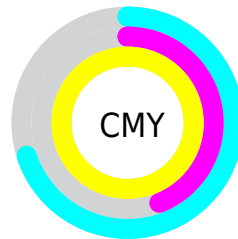


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (70%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8F00 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 4C8F00 by changing the saturation by 10% instead.

 4C8F00

 4C8F00

FFFFFF

 2F7500

 84C544

 0D5C00

 A0E25F

 004400

 BCFE7A

 002D00

 D9FF95

 001300

 F7FFB1

 000000

 FFFFCE

 FFFFEA

 4C8F00

 538F0E

 598F1D

 608F2B

 678F39

 6E8F48

 748F56

 7B8F64

 828F72

 888F81

Harmonies

Analogous

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



8D8100



4C8F00



00974C

Triad

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



4C8F00



0092EE



E83874

Complementary

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



4C8F00



43008F

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.



D048B0



4C8F00



0082F8

Square

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



4C8F00



0099C6



8F68E1



DF4C3A

Rectangle

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



4C8F00



009976



8F68E1



E43988

Sweetspot

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



4C8F00



A0BA82



8F4300



4E5E3C



DEDEDE



5E5E5E

Same Dimension

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



4C8F00



63BA00



058F00



444740



488700



040800

Inverse Universe

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



43008F



5700BA



8A008F



444047



3F0087



040008

Previews

White Background



This preview shows how the Hex color 4C8F00 looks on a white background.

Color Contrast Check

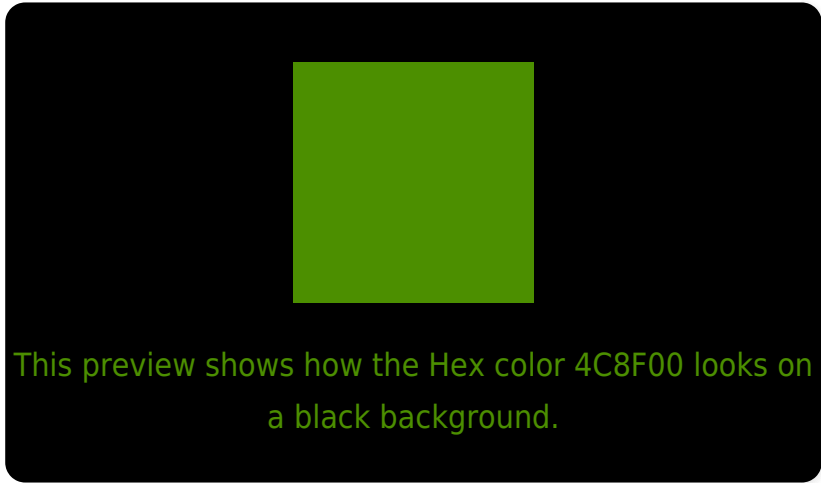
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C8F00 Background



This preview shows how black text looks on a background with the Hex color 4C8F00.



This preview shows how white text looks on a background with the Hex color 4C8F00.

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
4C8F00

Protanopia
8F7F00

Deuteranopia
9F781D



Tritanopia
5E8590

Trichromacy



Original Color
4C8F00

Protanomaly
778500

Deuteranomaly
818012

Tritanomaly
57895C

Monochromacy



Original Color
4C8F00

Achromatopsia
6B6B6B

Achromatomaly
607844

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8F00 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 #4C8F00 looks like.

```
.text, #text, p{  
    color:#4C8F00  
}
```

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 #4C8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8F00
}
```

Border

The CSS property to change the border of an element to Hex 4C8F00 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
#4C8F00 }
```

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

```
.border{ border-color:#4C8F00 }
```

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

Here you see how a box with a 4 pixel #4C8F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8F00; -webkit-box-shadow:4px 4px  
4px 4px #4C8F00; box-shadow:4px 4px 4px  
4px #4C8F00 }
```

Background

The CSS property to change the background color of an element to Hex 4C8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8F00 }
```

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

```
.background{ background-color:#4C8F00 }
```

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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