

Converting Colors

Hex(4F8F00)

Have a look what the booklet for
Hex(4F8F00) contains.

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Color

Hex(4F8F00)

Conversions

Conversions Part 1

Format	Color
Hex	4F8F00
RGB	79, 143, 0
RGB Percent	31%, 56%, 0%
CMY	0.6902, 0.4392, 1.0000
CMYK	0.45, 0.00, 1.00, 0.44
HSL	87°, 100%, 28%
HSV	87°, 100%, 56%
XYZ	13.0469, 21.3072, 3.4251
YIQ	107.5620, 7.7590, -58.0410

Conversions

Conversions Part 2

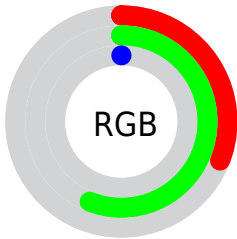
Format	Color
RYB	0, 143, 64
Decimal	5213952
CIELab	53.28, -40.71, 56.32
CIELCh	53, 69.496, 125.863
Yxy	21.3072, 0.3453, 0.5640
Android (android.graphics.Color)	4283404032 (0xFF4F8F00)
YUV	107.5620, -53.0281, -25.0489
Hunter-Lab	46.1597, -30.3270, 27.9125

Details

The Hex color **4F8F00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **40008F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **86C544**, and **135C00** is the 20% darker color. If you saturate the color by 10%, you get **4F8F00**, and if you desaturate by 10%, it is **558F0E**.

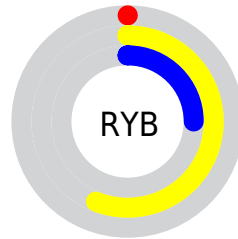
Distribution



Red (31%)

Green (56%)

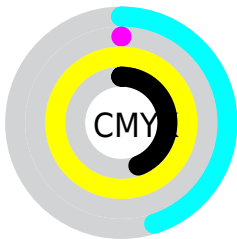
Blue (0%)



Red (0%)

Yellow (56%)

Blue (25%)

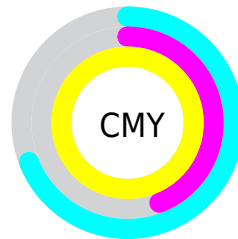


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (69%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F8F00 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 4F8F00 by changing the saturation by 10% instead.

 4F8F00

 4F8F00

FFFFFF

 337500

 86C544

 135C00

 A3E25F

 004400

 BFFE7A

 002D00

 DCFF95

 001400

 FAFFB1

 000000

 FFFFCE

 FFFFEB

 4F8F00

 558F0E

 5C8F1D

 628F2B

 698F39

 6F8F48

 758F56

 7C8F64

 828F72

 898F81

Harmonies

Analogous

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



8F8100



4F8F00



00974B

Triad

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



4F8F00



0092ED



E73976

Complementary

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



4F8F00



40008F

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.



CF4AB1



4F8F00



0083F7

Square

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



4F8F00



0099C4



8D69E1



DF4C3C

Rectangle

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



4F8F00



009975



8D69E1



E33B8A

Sweetspot

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



4F8F00



A1BA82



8F3E00



4F5E3C



DEDEDE



5E5E5E

Same Dimension

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



4F8F00



67BA00



0A8F00



444740



4B8700



040800

Inverse Universe

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



40008F



5300BA



85008F



434047



3C0087



030008

Previews

White Background



This preview shows how the Hex color 4F8F00 looks on a white background.

Color Contrast Check

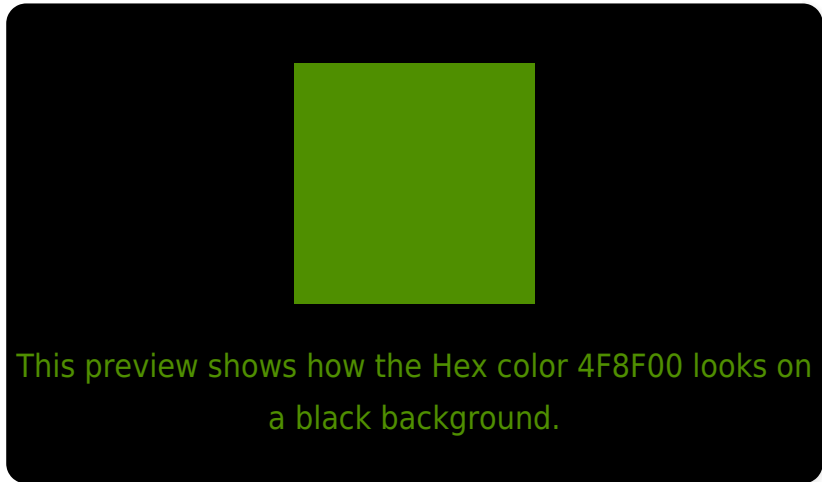
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F8F00 Background



This preview shows how black text looks on a background with the Hex color 4F8F00.



This preview shows how white text looks on a background with the Hex color 4F8F00.

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
4F8F00

Protanopia
8F7F00

Deuteranopia
A0781D



Tritanopia
608590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F8F00 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 #4F8F00 looks like.

```
.text, #text, p{  
    color:#4F8F00  
}
```

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 #4F8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8F00
}
```

Border

The CSS property to change the border of an element to Hex 4F8F00 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".

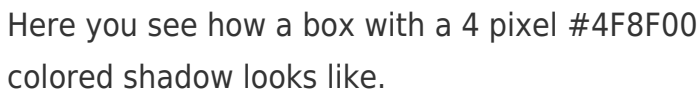
```
.border, #border, table{ border:4px solid
#4F8F00 }
```

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

```
.border{ border-color:#4F8F00 }
```

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

Here you see how a box with a 4 pixel #4F8F00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8F00; -webkit-box-shadow:4px 4px  
4px 4px #4F8F00; box-shadow:4px 4px 4px  
4px #4F8F00 }
```

Background

The CSS property to change the background color of an element to Hex 4F8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8F00 }
```

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

```
.background{ background-color:#4F8F00 }
```

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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