

Converting Colors

Hex(4F8000)

Have a look what the booklet for
Hex(4F8000) contains.

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Color

Hex(4F8000)

Conversions

Conversions Part 1

Format	Color
Hex	4F8000
RGB	79, 128, 0
RGB Percent	31%, 50%, 0%
CMY	0.6902, 0.4980, 1.0000
CMYK	0.38, 0.00, 1.00, 0.50
HSL	83°, 100%, 25%
HSV	83°, 100%, 50%
XYZ	10.9436, 17.1006, 2.7240
YIQ	98.7570, 11.8840, -50.1960

Conversions

Conversions Part 2

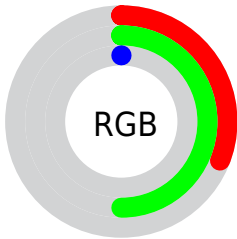
Format	Color
RYB	0, 128, 49
Decimal	5210112
CIELab	48.39, -34.28, 52.52
CIELCh	48, 62.717, 123.136
Yxy	17.1006, 0.3557, 0.5558
Android (android.graphics.Color)	4283400192 (0xFF4F8000)
YUV	98.7570, -48.6872, -17.3269
Hunter-Lab	41.3529, -25.1293, 25.0415

Details

The Hex color **4F8000** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **310080**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **85B541**, and **184E00** is the 20% darker color. If you saturate the color by 10%, you get **4F8000**, and if you desaturate by 10%, it is **54800D**.

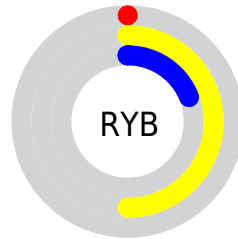
Distribution



Red (31%)

Green (50%)

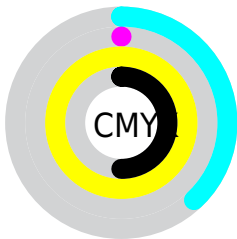
Blue (0%)



Red (0%)

Yellow (50%)

Blue (19%)

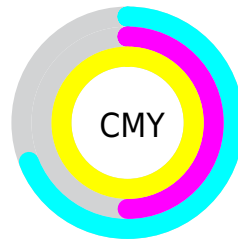


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F8000 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 4F8000 by changing the saturation by 10% instead.

 4F8000

 4F8000

FFFFFF

 346700


 85B541

 184E00

 A1D15B

 003700

 BDED76

 002300

 DAFF91

 000000

 F7FFAC

 FFFFC8

 FFFF E5

 4F8000

 54800D

 59801A

 5E8026

 638033

 688040

 6C804D

 71805A

 768066

 7B8073

Harmonies

Analogous

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



867200



4F8000



008740

Triad

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



4F8000



0085D2



CF3770

Complementary

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



4F8000



310080

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.



B647A4



4F8000



0078DE

Square

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



4F8000



008AAC



7862CC



CA443C

Rectangle

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



4F8000



008A65



7862CC



CA3981

Sweetspot

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



4F8000



93A674



802F00



495436



D4D4D4



545454

Same Dimension

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



4F8000



66A600



118000



3D4039



000000

Inverse Universe

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



310080



3F00A6



6F0080



3C3940



000000

Previews

White Background



This preview shows how the Hex color 4F8000 looks on a white background.

Color Contrast Check

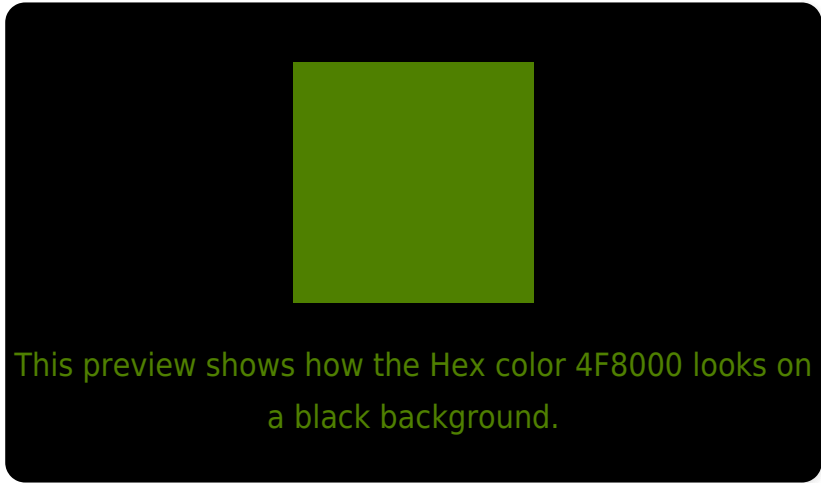
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F8000 Background



This preview shows how black text looks on a background with the Hex color 4F8000.



This preview shows how white text looks on a background with the Hex color 4F8000.

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
4F8000

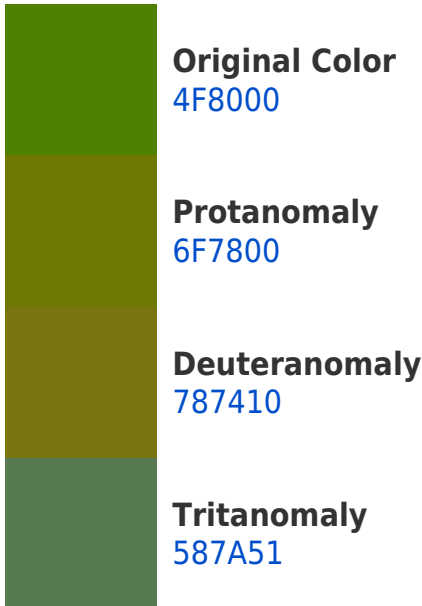
Protanopia
817300

Deuteranopia
906D19



Tritanopia
5D7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F8000 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 #4F8000 looks like.

```
.text, #text, p{  
    color:#4F8000  
}
```

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 #4F8000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8000
}
```

Border

The CSS property to change the border of an element to Hex 4F8000 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".

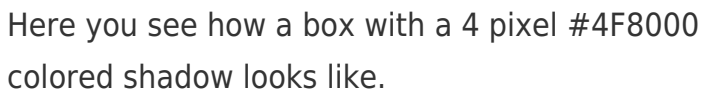
```
.border, #border, table{ border:4px solid
#4F8000 }
```

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

```
.border{ border-color:#4F8000 }
```

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

Here you see how a box with a 4 pixel #4F8000 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8000; -webkit-box-shadow:4px 4px  
4px 4px #4F8000; box-shadow:4px 4px 4px  
4px #4F8000 }
```

Background

The CSS property to change the background color of an element to Hex 4F8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8000 }
```

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

```
.background{ background-color:#4F8000 }
```

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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