

# Converting Colors

Hex(4F9B08)

Have a look what the booklet for  
Hex(4F9B08) contains.

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**Color**

**Hex(4F9B08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F9B08
RGB	79, 155, 8
RGB Percent	31%, 61%, 3%
CMY	0.6902, 0.3922, 0.9686
CMYK	0.49, 0.00, 0.95, 0.39
HSL	91°, 90%, 32%
HSV	91°, 95%, 61%
XYZ	14.9896, 25.1225, 4.2888
YIQ	115.5180, 1.8910, -61.8290

# Conversions

## Conversions Part 2

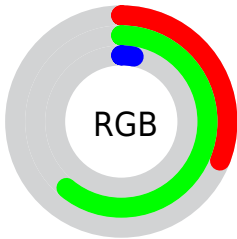
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 155, 84
Decimal	5217032
CIELab	57.19, -45.35, 58.15
CIELCh	57, 73.745, 127.954
Yxy	25.1225, 0.3376, 0.5658
Android (android.graphics.Color)	4283407112 (0xFF4F9B08)
YUV	115.5180, -53.0064, -32.0263
Hunter-Lab	50.1223, -34.3317, 30.0124

# Details

The Hex color **4F9B08** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **54089B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **88D24A**, and **0A6700** is the 20% darker color. If you saturate the color by 10%, you get **4B9B00**, and if you desaturate by 10%, it is **579B17**.

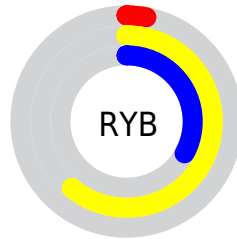
# Distribution



Red (31%)

Green (61%)

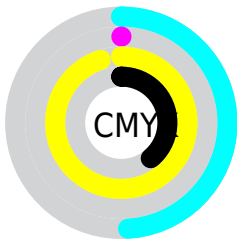
Blue (3%)



Red (3%)

Yellow (61%)

Blue (33%)

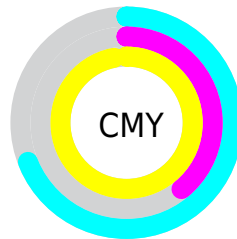


Cyan (49%)

Magenta (0%)

Yellow (95%)

Black (39%)



Cyan (69%)

Magenta (39%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9B08 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 4F9B08 by changing the saturation by 10% instead.





4F9B08



4F9B08

FFFFFF



318100



88D24A



0A6700



A4EF65



004E00



C1FF80



003600



DEFF9C



002100



FCFFB8



000000



FFFFD5



FFFFF2



4F9B08



4F9B08

■ 4B9B00

■ 579B17

■ 5F9B27

■ 679B36

■ 6F9B46

■ 779B55

■ 7F9B65

■ 879B74

■ 8F9B84

■ 979B93

# Harmonies

## Analogous

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



968C00



4F9B08



00A356

# Triad

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



4F9B08



009DFF



FA3E7B

# Complementary

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



4F9B08



54089B

# 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.



E24DBB



4F9B08



008CFF

# Square

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



4F9B08



00A5D7



9F6FF0



EF553D

# Rectangle

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



4F9B08



00A583



9F6FF0



F63F91



# Sweetspot

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



4F9B08



ACC991



9B5408



546643



E6E6E6



666666



# Same Dimension

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



4F9B08



61C900



089B0A



494D45



448C00



060D00



# Inverse Universe

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



54089B



6800C9



9B0899



49454D



49008C



07000D



# Previews

## White Background



This preview shows how the Hex color 4F9B08 looks on a white background.

## Color Contrast Check

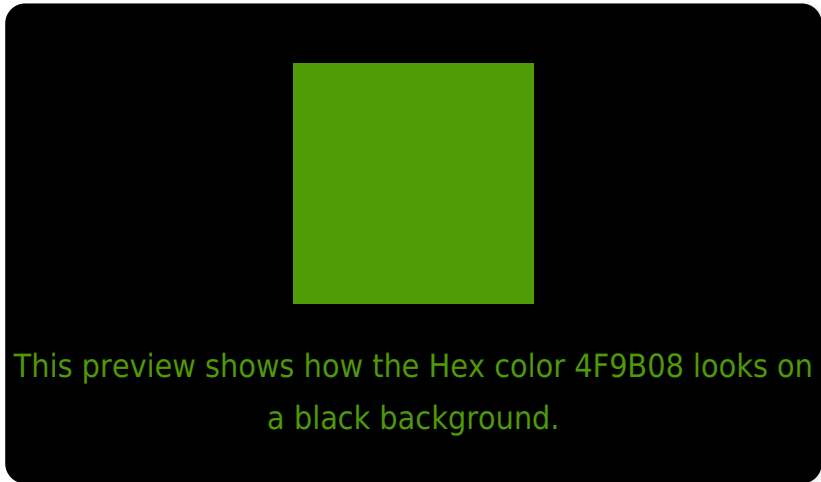
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9B08 Background



This preview shows how black text looks on a background with the Hex color 4F9B08.



This preview shows how white text looks on a background with the Hex color 4F9B08.

# 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**  
4F9B08

**Protanopia**  
9A8900

**Deuteranopia**  
AC8220



**Tritanopia**  
63909C

# Trichromacy



**Original Color**  
4F9B08



**Protanomaly**  
7F9003



**Deuteranomaly**  
8A8B17



**Tritanomaly**  
5C9466

# Monochromacy



**Original Color**  
4F9B08



**Achromatopsia**  
747474



**Achromatomaly**  
67824D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9B08 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 #4F9B08 looks like.

```
.text, #text, p{  
    color:#4F9B08  
}
```

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 #4F9B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9B08
}
```

## Border

The CSS property to change the border of an element to Hex 4F9B08 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
#4F9B08 }
```

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

```
.border{ border-color:#4F9B08 }
```

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

Here you see how a box with a 4 pixel #4F9B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9B08; -webkit-box-shadow:4px 4px  
4px 4px #4F9B08; box-shadow:4px 4px 4px  
4px #4F9B08 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9B08 }
```

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

```
.background{ background-color:#4F9B08 }
```

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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