

Converting Colors

Hex(4F9C10)

Have a look what the booklet for
Hex(4F9C10) contains.

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Color

Hex(4F9C10)

Conversions

Conversions Part 1

Format	Color
Hex	4F9C10
RGB	79, 156, 16
RGB Percent	31%, 61%, 6%
CMY	0.6902, 0.3882, 0.9373
CMYK	0.49, 0.00, 0.90, 0.39
HSL	93°, 81%, 34%
HSV	93°, 90%, 61%
XYZ	15.2064, 25.4766, 4.6062
YIQ	117.0170, -0.9520, -59.8640

Conversions

Conversions Part 2

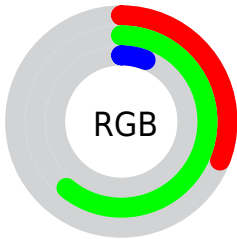
Format	Color
RYB	16, 156, 93
Decimal	5217296
CIELab	57.54, -45.53, 57.10
CIELCh	58, 73.032, 128.571
Yxy	25.4766, 0.3358, 0.5625
Android (android.graphics.Color)	4283407376 (0xFF4F9C10)
YUV	117.0170, -49.8014, -33.3409
Hunter-Lab	50.4744, -34.5533, 29.9213

Details

The Hex color **4F9C10** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5D109C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **88D34D**, and **096800** is the 20% darker color. If you saturate the color by 10%, you get **469C00**, and if you desaturate by 10%, it is **589C20**.

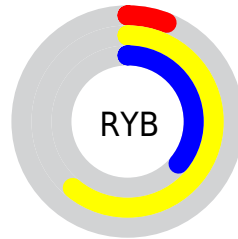
Distribution



Red (31%)

Green (61%)

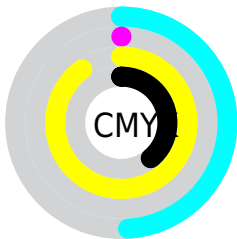
Blue (6%)



Red (6%)

Yellow (61%)

Blue (36%)

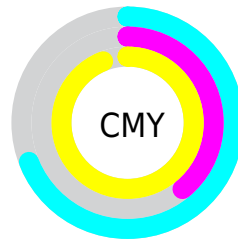


Cyan (49%)

Magenta (0%)

Yellow (90%)

Black (39%)



Cyan (69%)

Magenta (39%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9C10 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 4F9C10 by changing the saturation by 10% instead.



4F9C10



4F9C10

FFFFFF



318100



88D34D



096800



A4F068



004F00



C1FF84



003700



DEFF9F



002200



FCFFBB



000000



FFFFD8



FFFFF5



4F9C10



4F9C10

■ 469C00

■ 589C20

■ 609C2F

■ 699C3F

■ 719C4E

■ 7A9C5E

■ 829C6E

■ 8B9C7D

■ 949C8D

■ 9C9C9C

Harmonies

Analogous

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



968D00



4F9C10



00A459

Triad

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



4F9C10



009DFF



FA417B

Complementary

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



4F9C10



5D109C

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.



E34FBA



4F9C10



008CFF

Square

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



4F9C10



00A5D9



A270EF



EF573D

Rectangle

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



4F9C10



00A685



A270EF



F64190

Sweetspot

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



4F9C10



AECC95



9C5D10



546645



E6E6E6



666666

Same Dimension

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



4F9C10



5CCC00



109C17



4B4F47



408F00



070F00

Inverse Universe

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



5D109C



7000CC



9C1095



4B474F



4F008F



08000F

Previews

White Background



This preview shows how the Hex color 4F9C10 looks on a white background.

Color Contrast Check

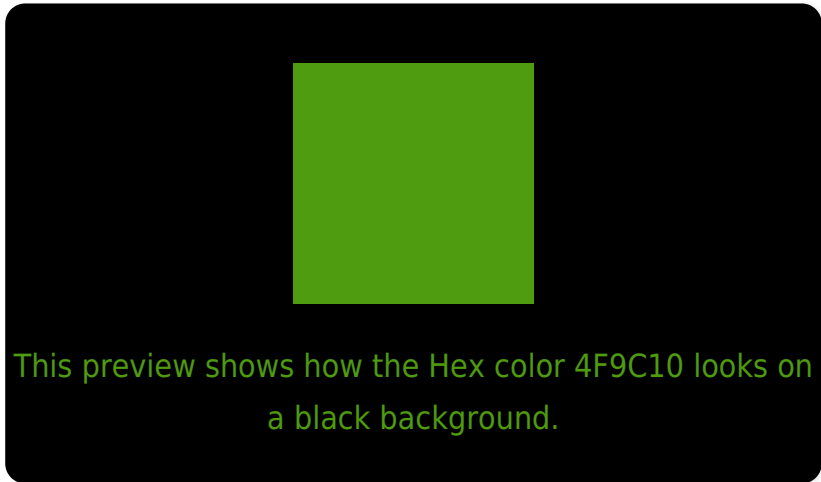
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9C10 Background



This preview shows how black text looks on a background with the Hex color 4F9C10.



This preview shows how white text looks on a background with the Hex color 4F9C10.

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
4F9C10

Protanopia
9B8A07

Deuteranopia
AD8223



Tritanopia
63919D

Trichromacy



Original Color
4F9C10



Protanomaly
7F910A



Deuteranomaly
8B8B1C



Tritanomaly
5C956A

Monochromacy



Original Color
4F9C10



Achromatopsia
757575



Achromatomaly
678350

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9C10 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 #4F9C10 looks like.

```
.text, #text, p{  
    color:#4F9C10  
}
```

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 #4F9C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9C10
}
```

Border

The CSS property to change the border of an element to Hex 4F9C10 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
#4F9C10 }
```

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

```
.border{ border-color:#4F9C10 }
```

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

Here you see how a box with a 4 pixel #4F9C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9C10; -webkit-box-shadow:4px 4px  
4px 4px #4F9C10; box-shadow:4px 4px 4px  
4px #4F9C10 }
```

Background

The CSS property to change the background color of an element to Hex 4F9C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9C10 }
```

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

```
.background{ background-color:#4F9C10 }
```

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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