

Converting Colors

Hex(4D9F12)

Have a look what the booklet for
Hex(4D9F12) contains.

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Color

Hex(4D9F12)

Conversions

Conversions Part 1

Format	Color
Hex	4D9F12
RGB	77, 159, 18
RGB Percent	30%, 62%, 7%
CMY	0.6980, 0.3765, 0.9294
CMYK	0.52, 0.00, 0.89, 0.38
HSL	95°, 80%, 35%
HSV	95°, 89%, 62%
XYZ	15.5679, 26.4177, 4.8509
YIQ	118.4080, -3.6110, -61.2350

Conversions

Conversions Part 2

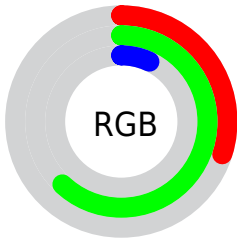
Format	Color
RYB	18, 159, 100
Decimal	5086994
CIELab	58.43, -47.26, 57.43
CIELCh	58, 74.373, 129.449
Yxy	26.4177, 0.3324, 0.5640
Android (android.graphics.Color)	4283277074 (0xFF4D9F12)
YUV	118.4080, -49.5011, -36.3148
Hunter-Lab	51.3982, -35.8813, 30.3830

Details

The Hex color **4D9F12** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **64129F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **86D64F**, and **016B00** is the 20% darker color. If you saturate the color by 10%, you get **449F02**, and if you desaturate by 10%, it is **569F22**.

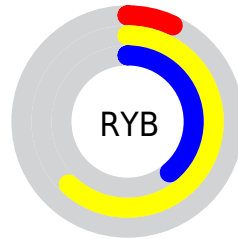
Distribution



Red (30%)

Green (62%)

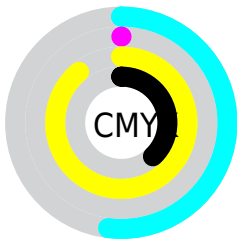
Blue (7%)



Red (7%)

Yellow (62%)

Blue (39%)

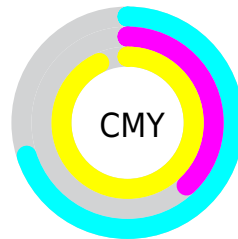


Cyan (52%)

Magenta (0%)

Yellow (89%)

Black (38%)



Cyan (70%)

Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9F12 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 4D9F12 by changing the saturation by 10% instead.



4D9F12



4D9F12

FFFFFF



2E8400



86D64F



016B00



A3F36A



005100



C0FF85



003900



DDFFA1



002400



FBFFBD



000000



FFFFDA



FFFFF7



4D9F12



4D9F12

■ 449F02

■ 569F22

■ 439F00

■ 5F9F32

■ 699F42

■ 729F52

■ 7B9F62

■ 849F71

■ 8E9F81

■ 979F91

■ A09FA1

Harmonies

Analogous

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



969000



4D9F12



00A75C

Triad

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



4D9F12



00A0FF



FF417B

Complementary

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



4D9F12



64129F

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.



E84FBC



4D9F12



008EFF

Square

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



4D9F12



00A8DE



A771F2



F2593C

Rectangle

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



4D9F12



00A989



A771F2



FB4191

Sweetspot

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



4D9F12



AECF97



9F6212



556947



E8E8E8



696969

Same Dimension

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



4D9F12



56CF00



129F1B



4A4F47



3C8F00



060F00

Inverse Universe

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



64129F



7800CF



9F1296



4C474F



53008F



09000F

Previews

White Background



This preview shows how the Hex color 4D9F12 looks on a white background.

Color Contrast Check

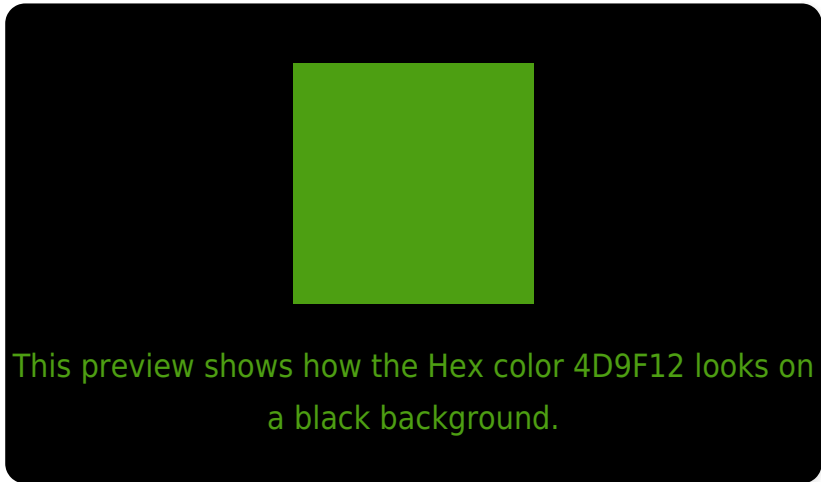
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D9F12 Background



This preview shows how black text looks on a background with the Hex color 4D9F12.

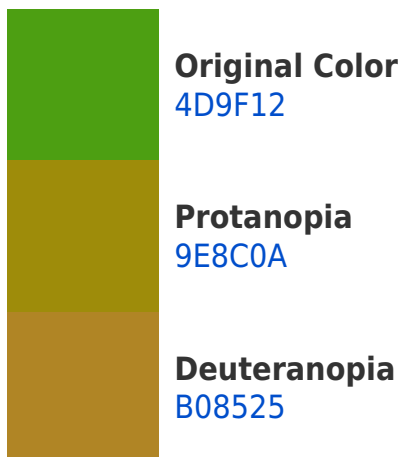


This preview shows how white text looks on a background with the Hex color 4D9F12.

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





Tritanopia
6394A0

Trichromacy



Original Color
4D9F12



Protanomaly
81930D



Deuteranomaly
8C8E1E



Tritanomaly
5B986C

Monochromacy



Original Color
4D9F12



Achromatopsia
767676



Achromatomaly
678552

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9F12 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 #4D9F12 looks like.

```
.text, #text, p{  
    color:#4D9F12  
}
```

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 #4D9F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9F12
}
```

Border

The CSS property to change the border of an element to Hex 4D9F12 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
#4D9F12 }
```

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

```
.border{ border-color:#4D9F12 }
```

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

Here you see how a box with a 4 pixel #4D9F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9F12; -webkit-box-shadow:4px 4px  
4px 4px #4D9F12; box-shadow:4px 4px 4px  
4px #4D9F12 }
```

Background

The CSS property to change the background color of an element to Hex 4D9F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9F12 }
```

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

```
.background{ background-color:#4D9F12 }
```

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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