

Converting Colors

Hex(79AA12)

Have a look what the booklet for
Hex(79AA12) contains.

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Color

Hex(79AA12)

Conversions

Conversions Part 1

Format	Color
Hex	79AA12
RGB	121, 170, 18
RGB Percent	47%, 67%, 7%
CMY	0.5255, 0.3333, 0.9294
CMYK	0.29, 0.00, 0.89, 0.33
HSL	79°, 81%, 37%
HSV	79°, 89%, 67%
XYZ	22.3691, 32.8581, 5.7355
YIQ	138.0210, 19.5880, -57.6600

Conversions

Conversions Part 2

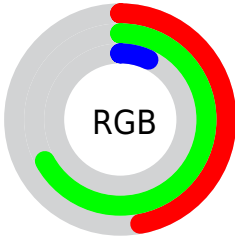
Format	Color
RYB	18, 170, 67
Decimal	7973394
CIELab	64.05, -36.32, 63.04
CIELCh	64, 72.754, 119.951
Yxy	32.8581, 0.3669, 0.5390
Android (android.graphics.Color)	4286163474 (0xFF79AA12)
YUV	138.0210, -59.1704, -14.9274
Hunter-Lab	57.3220, -30.6564, 34.1929

Details

The Hex color **79AA12** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4312AA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B1E252**, and **427500** is the 20% darker color. If you saturate the color by 10%, you get **74AA01**, and if you desaturate by 10%, it is **7EAA23**.

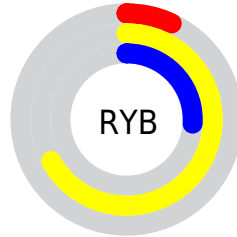
Distribution



Red (47%)

Green (67%)

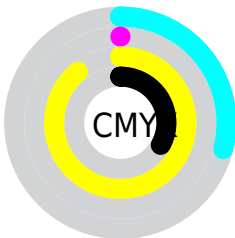
Blue (7%)



Red (7%)

Yellow (67%)

Blue (26%)

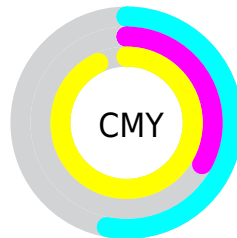


Cyan (29%)

Magenta (0%)

Yellow (89%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79AA12 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 79AA12 by changing the saturation by 10% instead.



79AA12



79AA12

FFFFFF



5D8F00



B1E252



427500



CEFE6D



255C00



ECFF89



004400



FFFFA5



002E00



FFFFC1



001700



FFFDE



000000



FFFFFC



79AA12



79AA12

■ 74AA01

■ 7EAA23

■ 73AA00

■ 84AA34

■ 89AA45

■ 8FAA56

■ 94AA67

■ 9AAA78

■ 9FAA89

■ A5AA9A

■ AAAAAAB

Harmonies

Analogous

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



BA9800



79AA12



00B456

Triad

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



79AA12



00B2FF



FF569E

Complementary

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



79AA12



4312AA

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.



E86BDD



79AA12



00A3FF

Square

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



79AA12



00B8DA



978AFF



FF625E

Rectangle

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



79AA12



00B882



978AFF



FF5AB4

Sweetspot

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



79AA12



CBDEA2



AA4212



65704C



F0F0F0



707070

Same Dimension

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



79AA12



96DE00



2EAA12



51544C



649400



0E1400

Inverse Universe

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



4312AA



4800DE



8E12AA



4E4C54



300094



070014

Previews

White Background



This preview shows how the Hex color 79AA12 looks on a white background.

Color Contrast Check

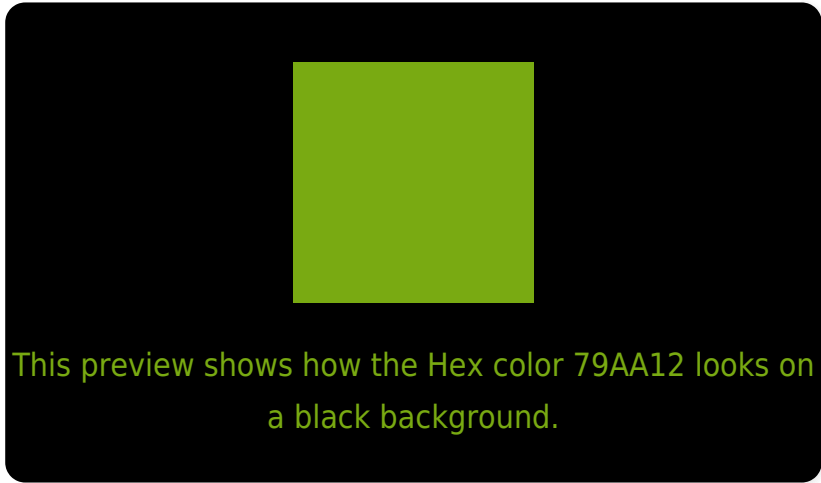
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 79AA12 Background



This preview shows how black text looks on a background with the Hex color 79AA12.



This preview shows how white text looks on a background with the Hex color 79AA12.

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
79AA12

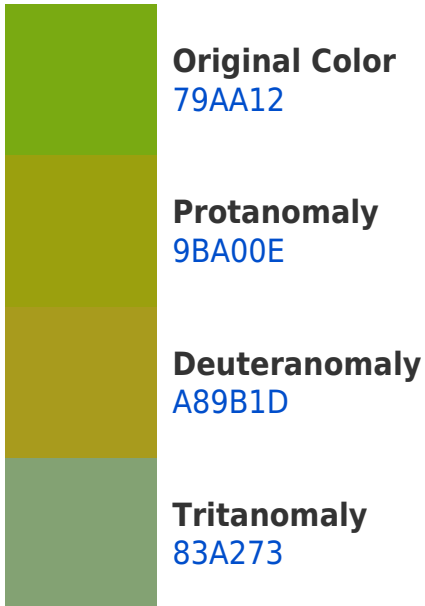
Protanopia
AE9B0C

Deuteranopia
C39324

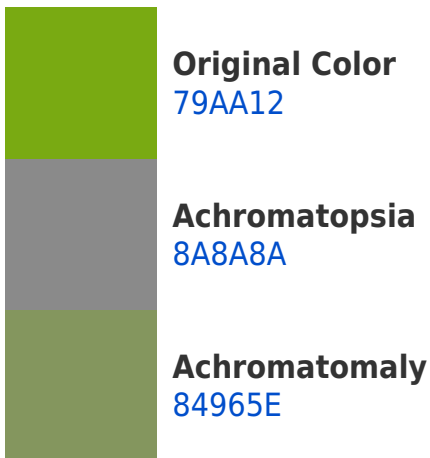


Tritanopia
899EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79AA12 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 #79AA12 looks like.

```
.text, #text, p{  
    color:#79AA12  
}
```

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 #79AA12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79AA12
}
```

Border

The CSS property to change the border of an element to Hex 79AA12 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
#79AA12 }
```

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

```
.border{ border-color:#79AA12 }
```

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

Here you see how a box with a 4 pixel #79AA12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79AA12; -webkit-box-shadow:4px 4px  
4px 4px #79AA12; box-shadow:4px 4px 4px  
4px #79AA12 }
```

Background

The CSS property to change the background color of an element to Hex 79AA12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79AA12 }
```

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

```
.background{ background-color:#79AA12 }
```

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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