

Converting Colors

Hex(90AE12)

Have a look what the booklet for
Hex(90AE12) contains.

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Color

Hex(90AE12)

Conversions

Conversions Part 1

Format	Color
Hex	90AE12
RGB	144, 174, 18
RGB Percent	56%, 68%, 7%
CMY	0.4353, 0.3176, 0.9294
CMYK	0.17, 0.00, 0.90, 0.32
HSL	72°, 81%, 38%
HSV	72°, 90%, 68%
XYZ	26.7468, 36.2451, 6.1586
YIQ	147.2460, 32.1960, -54.8760

Conversions

Conversions Part 2

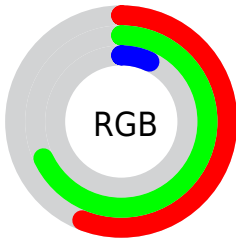
Format	Color
RYB	18, 174, 48
Decimal	9481746
CIELab	66.71, -28.84, 65.83
CIElCh	67, 71.867, 113.660
Yxy	36.2451, 0.3868, 0.5241
Android (android.graphics.Color)	4287671826 (0xFF90AE12)
YUV	147.2460, -63.7183, -2.8467
Hunter-Lab	60.2039, -26.0544, 36.0776

Details

The Hex color **90AE12** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3012AE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C9E653**, and **597A00** is the 20% darker color. If you saturate the color by 10%, you get **8DAE01**, and if you desaturate by 10%, it is **93AE23**.

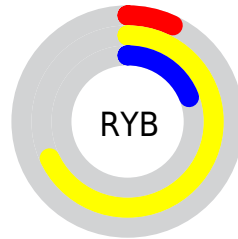
Distribution



Red (56%)

Green (68%)

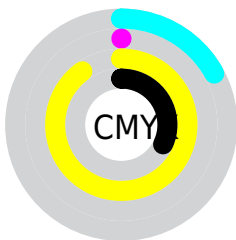
Blue (7%)



Red (7%)

Yellow (68%)

Blue (19%)

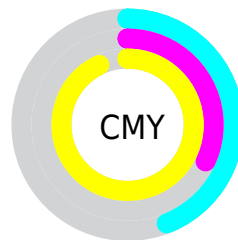


Cyan (17%)

Magenta (0%)

Yellow (90%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AE12 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 90AE12 by changing the saturation by 10% instead.



90AE12



90AE12

FFFFFF



749300



C9E653



597A00



E7FF6F



3E6100



FFFF8B



214900



FFFFA7



013200



FFFFC3



001F00



FFFFE0



000000

FFFFFFE



90AE12



90AE12

■ 8DAE01

■ 93AE23

■ 8DAE00

■ 97AE35

■ 9AAE46

■ 9DAE58

■ A1AE69

■ A4AE7A

■ A7AE8C

■ ABAE9D

■ AEAEAF

Harmonies

Analogous

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



CD9A00



90AE12



31BA51

Triad

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



90AE12



00BBFF



FF62B3

Complementary

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



90AE12



3012AE

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.



E379F0



90AE12



00AEFF

Square

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



90AE12



00C0D4



8697FF



FF6672

Rectangle

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



90AE12



00BE7B



8697FF



FF67C8

Sweetspot

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



90AE12



D7E3A6



AE2F12



6C734E



F2F2F2



737373

Same Dimension

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



90AE12



B7E300



43AE12



55574E



7A9600



131700

Inverse Universe

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



3012AE



2C00E3



7D12AE



504E57



1D0096



040017

Previews

White Background



This preview shows how the Hex color 90AE12 looks on a white background.

Color Contrast Check

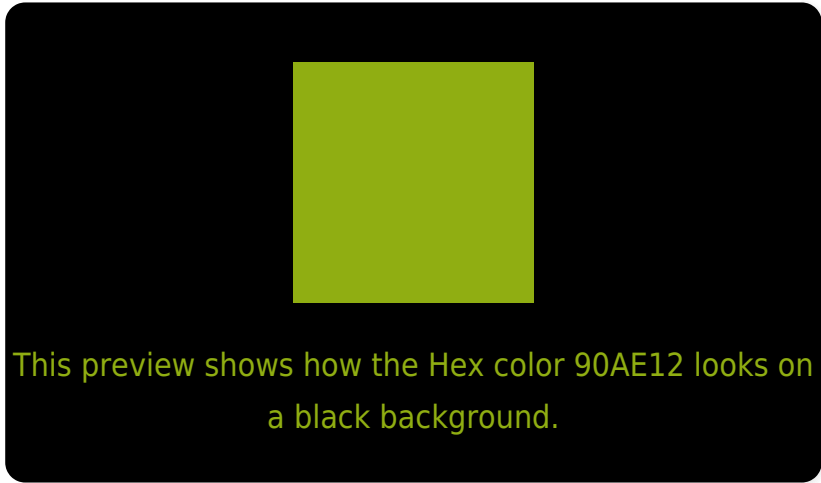
Large Text (above 18pt) WCAG AA × Fail

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 90AE12 Background



This preview shows how black text looks on a background with the Hex color 90AE12.



This preview shows how white text looks on a background with the Hex color 90AE12.

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
90AE12

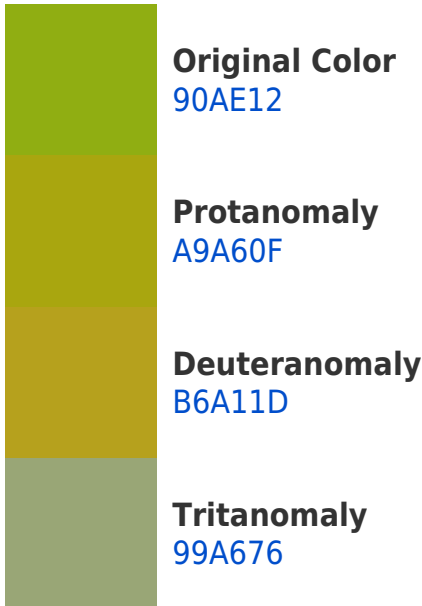
Protanopia
B7A20D

Deuteranopia
CC9A23

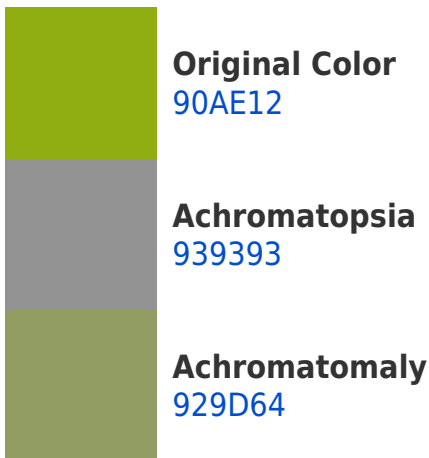


Tritanopia
9EA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AE12 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 #90AE12 looks like.

```
.text, #text, p{  
    color:#90AE12  
}
```

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 #90AE12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AE12
}
```

Border

The CSS property to change the border of an element to Hex 90AE12 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
#90AE12 }
```

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

```
.border{ border-color:#90AE12 }
```

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

Here you see how a box with a 4 pixel #90AE12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AE12; -webkit-box-shadow:4px 4px  
4px 4px #90AE12; box-shadow:4px 4px 4px  
4px #90AE12 }
```

Background

The CSS property to change the background color of an element to Hex 90AE12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AE12 }
```

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

```
.background{ background-color:#90AE12 }
```

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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