

Converting Colors

Hex(3C9122)

Have a look what the booklet for
Hex(3C9122) contains.

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Color

Hex(3C9122)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3C9122 |
| RGB | 60, 145, 34 |
| RGB Percent | 24%, 57%, 13% |
| CMY | 0.7647, 0.4314, 0.8667 |
| CMYK | 0.59, 0.00, 0.77, 0.43 |
| HSL | 106°, 62%, 35% |
| HSV | 106°, 77%, 57% |
| XYZ | 12.2776, 21.3269, 4.9828 |
| YIQ | 106.9310, -15.0290, -52.5410 |

Conversions

Conversions Part 2

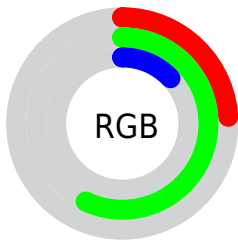
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 34, 145, 119 |
| Decimal | 3969314 |
| CIELab | 53.31, -45.98, 47.95 |
| CIELCh | 53, 66.435, 133.795 |
| Yxy | 21.3269, 0.3182, 0.5527 |
| Android (android.graphics.Color) | 4282159394 (0xFF3C9122) |
| YUV | 106.9310, -35.9550, -41.1585 |
| Hunter-Lab | 46.1811, -33.3613, 25.9296 |

Details

The Hex color **3C9122** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **772291**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **75C857**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **319113**, and if you desaturate by 10%, it is **479130**.

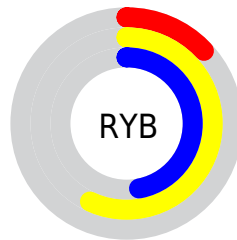
Distribution



Red (24%)

Green (57%)

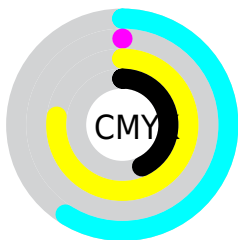
Blue (13%)



Red (13%)

Yellow (57%)

Blue (47%)

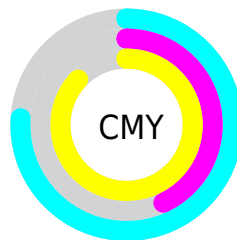


Cyan (59%)

Magenta (0%)

Yellow (77%)

Black (43%)



Cyan (76%)

Magenta (43%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9122 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 3C9122 by changing the saturation by 10% instead.



3C9122



3C9122

FFFFFF



1B7700



75C857



005D00



91E471



004500



ADFF8C



002E00



CAFFA7



001400



E7FFC3



000000



FFFFDF



FFFFFC



3C9122



3C9122

■ 319113

■ 479130

■ 269105

■ 52913F

■ 229100

■ 5D914D

■ 68915C

■ 74916A

■ 7F9179

■ 8A9187

■ 959196

■ A091A4

Harmonies

Analogous

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



818500



3C9122



00975D

Triad

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



3C9122



008FEE



E44167

Complementary

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



3C9122



772291

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.



D547A1



3C9122



227DEF

Square

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



3C9122



0097CE



A263D3



D65731

Rectangle

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



3C9122



009985



A263D3



E33F7B

Sweetspot

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



3C9122



9BBD91



917522



4A5E44



DEDEDE



5E5E5E

Same Dimension

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



3C9122



38BD0F



22913E



424740



208700



020800

Inverse Universe

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



772291



940FBD



912275



464047



670087



060008

Previews

White Background



This preview shows how the Hex color 3C9122 looks on a white background.

Color Contrast Check

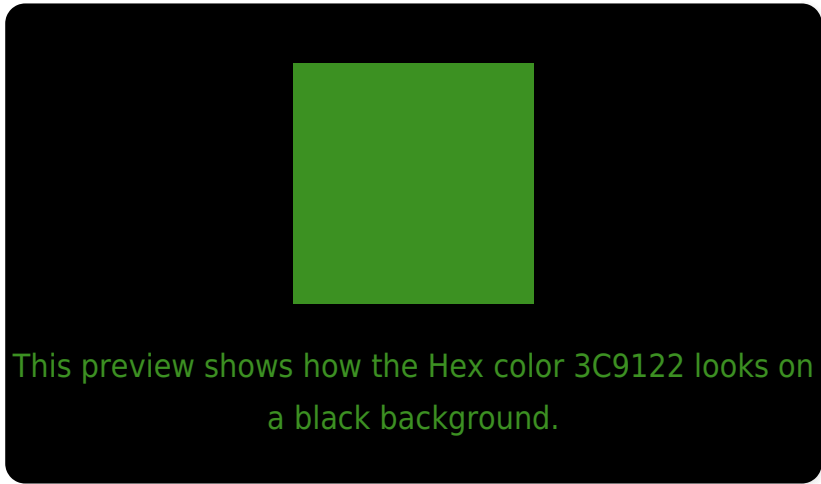
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C9122 Background



This preview shows how black text looks on a background with the Hex color 3C9122.



This preview shows how white text looks on a background with the Hex color 3C9122.

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
3C9122

Protanopia
8E7F1D

Deuteranopia
9E782D



Tritanopia
528792

Trichromacy



Original Color
3C9122



Protanomaly
70861F



Deuteranomaly
7A8129



Tritanomaly
4A8B69

Monochromacy



Original Color
3C9122



Achromatopsia
6B6B6B



Achromatomaly
5A7950

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9122 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 #3C9122 looks like.

```
.text, #text, p{  
    color:#3C9122  
}
```

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 #3C9122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9122
}
```

Border

The CSS property to change the border of an element to Hex 3C9122 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
#3C9122 }
```

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

```
.border{ border-color:#3C9122 }
```

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

Here you see how a box with a 4 pixel #3C9122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9122; -webkit-box-shadow:4px 4px  
4px 4px #3C9122; box-shadow:4px 4px 4px  
4px #3C9122 }
```

Background

The CSS property to change the background color of an element to Hex 3C9122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9122 }
```

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

```
.background{ background-color:#3C9122 }
```

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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