

Converting Colors

Hex(90E21C)

Have a look what the booklet for
Hex(90E21C) contains.

Hex(90E21C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90E21C)

Conversions

Conversions Part 1

Format	Color
Hex	90E21C
RGB	144, 226, 28
RGB Percent	56%, 89%, 11%
CMY	0.4353, 0.1137, 0.8902
CMYK	0.36, 0.00, 0.88, 0.11
HSL	85°, 78%, 50%
HSV	85°, 88%, 89%
XYZ	38.9076, 60.4058, 10.7075
YIQ	178.9100, 14.6860, -78.9620

Conversions

Conversions Part 2

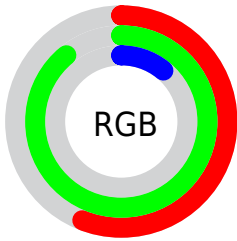
Format	Color
RYB	28, 226, 110
Decimal	9495068
CIELab	82.06, -51.41, 76.75
CIELCh	82, 92.380, 123.817
Yxy	60.4058, 0.3536, 0.5490
Android (android.graphics.Color)	4287685148 (0xFF90E21C)
YUV	178.9100, -74.3986, -30.6161
Hunter-Lab	77.7212, -46.6542, 46.2366

Details

The Hex color **90E21C** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **6E1CE2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CBFF61**, and **54AA00** is the 20% darker color. If you saturate the color by 10%, you get **87E205**, and if you desaturate by 10%, it is **99E233**.

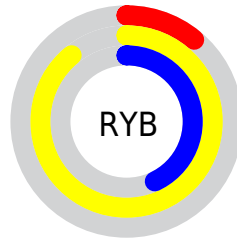
Distribution



Red (56%)

Green (89%)

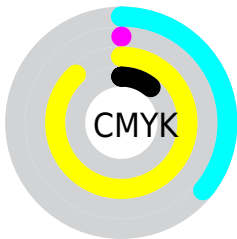
Blue (11%)



Red (11%)

Yellow (89%)

Blue (43%)

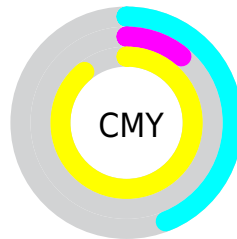


Cyan (36%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (44%)

Magenta (11%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E21C 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 90E21C by changing the saturation by 10% instead.

 90E21C

 90E21C

FFFFFF

 72C600

 CBFF61

 54AA00

 EAFF7E

 348F00

 FFFF9B

 037500

 FFFFB8

 005B00

 FFFFD6

 004300

 FFFFF3

 002D00

 000E00

 000000

 90E21C

 90E21C

 87E205

 99E233

 84E200

 A3E249

 ACE260

 B5E276

 BFE28D

 C8E2A4

 D2E2BA

 DBE2D1

 E4E2E7

Harmonies

Analogous

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



EACC00



90E21C



00EE7B

Triad

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



90E21C



00E9FF



FF6DC5

Complementary

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



90E21C



6E1CE2

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.



FF85FF



90E21C



00D3FF

Square

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



90E21C



00F2FF



D8B0FF



FF8271

Rectangle

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



90E21C



00F2B7



D8B0FF



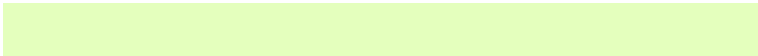
FF70E2

Sweetspot

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



90E21C



E4FFBD



E26B1C



6F8058



000000



808080

Same Dimension

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



90E21C



95FF00



30E21C



6C7065



67B000



1C3000

Inverse Universe

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



6E1CE2



6A00FF



CE1CE2



6A6570



4900B0



140030

Previews

White Background



This preview shows how the Hex color 90E21C looks on a white background.

Color Contrast Check

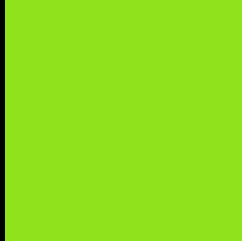
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 90E21C looks on a 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 90E21C Background



This preview shows how black text looks on a background with the Hex color 90E21C.

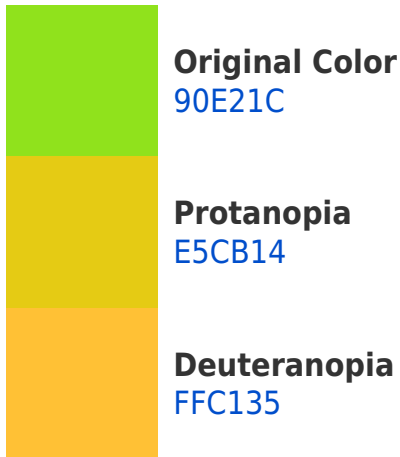


This preview shows how white text looks on a background with the Hex color 90E21C.

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](#).

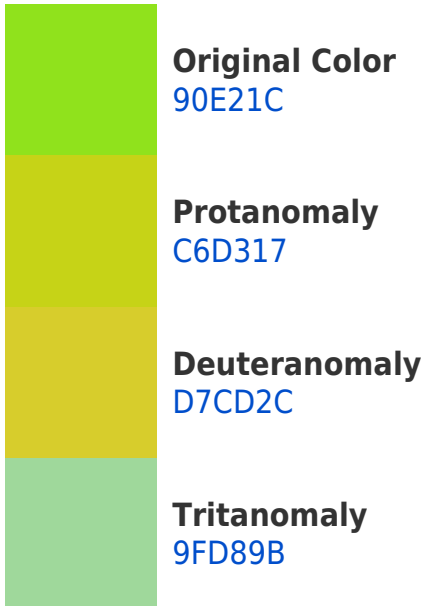
Dichromacy



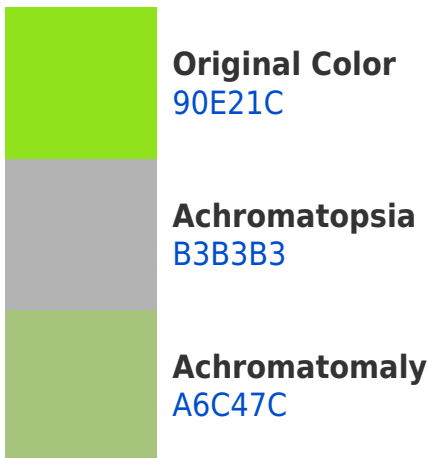


Tritanopia
A8D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90E21C 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 #90E21C looks like.

```
.text, #text, p{  
    color:#90E21C  
}
```

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 #90E21C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E21C
}
```

Border

The CSS property to change the border of an element to Hex 90E21C 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
#90E21C }
```

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

```
.border{ border-color:#90E21C }
```

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

Here you see how a box with a 4 pixel #90E21C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E21C; -webkit-box-shadow:4px 4px  
4px 4px #90E21C; box-shadow:4px 4px 4px  
4px #90E21C }
```

Background

The CSS property to change the background color of an element to Hex 90E21C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E21C }
```

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

```
.background{ background-color:#90E21C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor