

# Converting Colors

Hex(23E21C)

Have a look what the booklet for  
Hex(23E21C) contains.

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**Color**

**Hex(23E21C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23E21C
RGB	35, 226, 28
RGB Percent	14%, 89%, 11%
CMY	0.8627, 0.1137, 0.8902
CMYK	0.85, 0.00, 0.88, 0.11
HSL	118°, 78%, 50%
HSV	118°, 88%, 89%
XYZ	28.0991, 54.8339, 10.2016
YIQ	146.3190, -50.2780, -102.0700

# Conversions

## Conversions Part 2

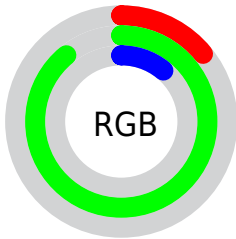
Format	Color
R <sub>Y</sub> B	28, 226, 219
Decimal	2351644
CIE Lab	78.95, -76.16, 72.86
CIE LCh	79, 105.402, 136.269
Yxy	54.8339, 0.3017, 0.5888
Android (android.graphics.Color)	4280541724 (0xFF23E21C)
YUV	146.3190, -58.3313, -97.6268
Hunter-Lab	74.0499, -61.8534, 43.6667

# Details

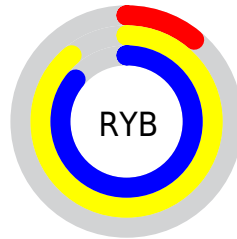
The Hex color **23E21C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DB1CE2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **78FF60**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **0DE205**, and if you desaturate by 10%, it is **39E233**.

# Distribution



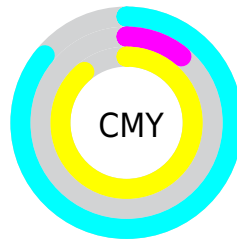
- Red (14%)
- Green (89%)
- Blue (11%)



- Red (11%)
- Yellow (89%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (88%)
- Black (11%)



- Cyan (86%)
- Magenta (11%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23E21C 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 23E21C by changing the saturation by 10% instead.



 23E21C

 23E21C

FFFFFF

 00C500

 78FF60

 00A900

 99FF7D

 008D00

 B9FF99

 007200

 D9FFB6

 005800

 F9FFD4

 003F00

 FFFFF1

 002500

 000000

 23E21C

 23E21C

■ 0DE205

■ 39E233

■ 08E200

■ 4FE249

■ 64E260

■ 7AE276

■ 90E28D

■ A6E2A4

■ BCE2BA

■ D1E2D1

■ E7E2E7

# Harmonies

## Analogous

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



BACF00



23E21C



00EB91

# Triad

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



23E21C



00DCFF



FF4793

# Complementary

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



23E21C



DB1CE2

# 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.



FF50F5



23E21C



00BDFE

# Square

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



23E21C



00EAFB



FF8CFF



FF7D32

# Rectangle

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



23E21C



00EED6



FF8CFF



FF3EB3

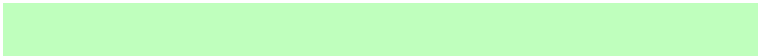


# Sweetspot

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



23E21C



BFFFBD



E2D81C



598058



000000



808080



# Same Dimension

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



23E21C



09FF00



1CE275



657065



06B000



023000



# Inverse Universe

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



DB1CE2



F600FF



E21C89



706570



AA00B0

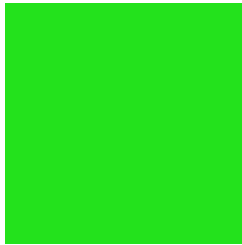


2F0030



# Previews

## White Background



This preview shows how the Hex color 23E21C 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 23E21C 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 23E21C Background



This preview shows how black text looks on a background with the Hex color 23E21C.



This preview shows how white text looks on a background with the Hex color 23E21C.

# 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](#).

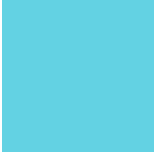
## Dichromacy



**Original Color**  
23E21C

**Protanopia**  
DAC210

**Deuteranopia**  
F3B837



**Tritanopia**  
63D2E3

# Trichromacy



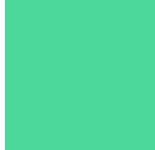
**Original Color**  
23E21C



**Protanomaly**  
97CE14



**Deuteranomaly**  
A7C72D



**Tritanomaly**  
4CD89B

# Monochromacy



**Original Color**  
23E21C



**Achromatopsia**  
929292



**Achromatomaly**  
6AAF67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23E21C 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 #23E21C looks like.

```
.text, #text, p{  
    color:#23E21C  
}
```

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 #23E21C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23E21C
}
```

## Border

The CSS property to change the border of an element to Hex 23E21C 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
#23E21C }
```

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

```
.border{ border-color:#23E21C }
```

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

Here you see how a box with a 4 pixel #23E21C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23E21C; -webkit-box-shadow:4px 4px  
4px 4px #23E21C; box-shadow:4px 4px 4px  
4px #23E21C }
```

# Background

The CSS property to change the background color of an element to Hex 23E21C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23E21C }
```

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

```
.background{ background-color:#23E21C }
```

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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