

Converting Colors

Hex(21E210)

Have a look what the booklet for
Hex(21E210) contains.

| | |
|--|----|
| Hex(21E210) | 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(21E210)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 21E210 |
| RGB | 33, 226, 16 |
| RGB Percent | 13%, 89%, 6% |
| CMY | 0.8706, 0.1137, 0.9373 |
| CMYK | 0.85, 0.00, 0.93, 0.11 |
| HSL | 115°, 87%, 47% |
| HSV | 115°, 93%, 89% |
| XYZ | 27.9171, 54.7535, 9.5873 |
| YIQ | 144.3530, -47.6180, -106.2260 |

Conversions

Conversions Part 2

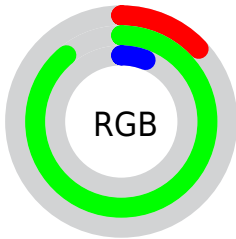
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 16, 226, 209 |
| Decimal | 2220560 |
| CIELab | 78.90, -76.68, 74.64 |
| CIELCh | 79, 107.014, 135.773 |
| Yxy | 54.7535, 0.3026, 0.5935 |
| Android (android.graphics.Color) | 4280410640 (0xFF21E210) |
| YUV | 144.3530, -63.2780, -97.6566 |
| Hunter-Lab | 73.9956, -62.1477, 44.1149 |

Details

The Hex color **21E210** 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 **D110E2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **77FF5B**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **12E200**, and if you desaturate by 10%, it is **36E227**.

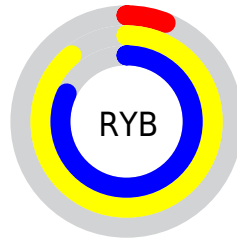
Distribution



Red (13%)

Green (89%)

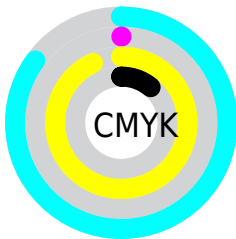
Blue (6%)



Red (6%)

Yellow (89%)

Blue (82%)

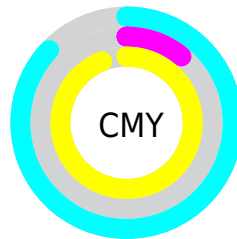


Cyan (85%)

Magenta (0%)

Yellow (93%)

Black (11%)



Cyan (87%)

Magenta (11%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21E210 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 21E210 by changing the saturation by 10% instead.

 21E210

 21E210

FFFFFF

 00C500

 77FF5B

 00A900

 99FF78

 008D00

 B9FF95

 007200

 D9FFB2

 005800

 F8FFCF

 003F00

 FFFFED

 002500

 000000

 21E210

 21E210

 12E200

 36E227

 4BE23D

 5FE254

 74E26A

 89E281

 9EE298

 B2E2AE

 C7E2C5

 DCE2DB

Harmonies

Analogous

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



BBCF00



21E210



00EB8F

Triad

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



21E210



00DDFF



FF4094

Complementary

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



21E210



D110E2

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.



FF4CF7



21E210



00BEFF

Square

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



21E210



00EBFF



FF8BFF



FF7B31

Rectangle

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



21E210



00EED5



FF8BFF



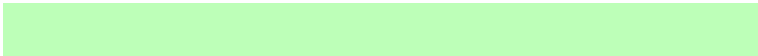
FF37B5

Sweetspot

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



21E210



BDFFB8



E2D110



588054



000000



808080

Same Dimension

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



21E210



15FF00



10E268



667065



0EB000



043000

Inverse Universe

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



D110E2



EA00FF



E2108A



6F6570



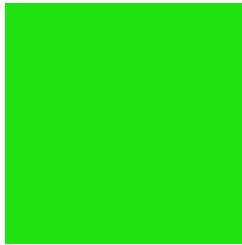
A200B0



2D0030

Previews

White Background



This preview shows how the Hex color 21E210 looks on a white background.

Color Contrast Check

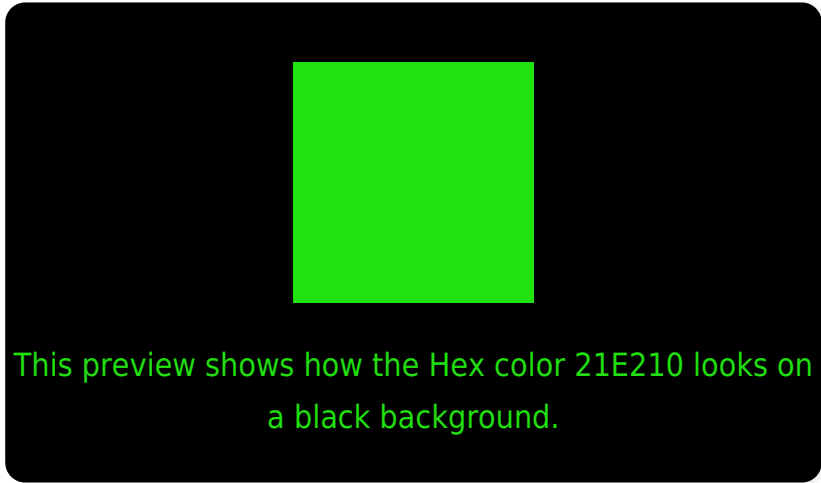
Large Text (above 18pt) WCAG AA × Fail

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 21E210 Background



This preview shows how black text looks on a background with the Hex color 21E210.



This preview shows how white text looks on a background with the Hex color 21E210.

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](#).

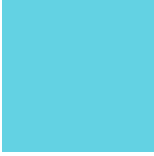
Dichromacy



Original Color
21E210

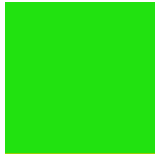
Protanopia
DAC200

Deuteranopia
F3B833



Tritanopia
63D2E3

Trichromacy



Original Color
21E210



Protanomaly
97CE06

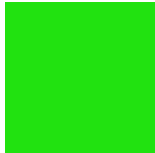


Deuteranomaly
A7C726



Tritanomaly
4BD896

Monochromacy



Original Color
21E210



Achromatopsia
909090



Achromatomaly
68AE61

CSS Examples

Text

The CSS property to change the color of the text to Hex 21E210 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 #21E210 looks like.

```
.text, #text, p{  
    color:#21E210  
}
```

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 #21E210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21E210
}
```

Border

The CSS property to change the border of an element to Hex 21E210 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
#21E210 }
```

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

```
.border{ border-color:#21E210 }
```

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

Here you see how a box with a 4 pixel #21E210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21E210; -webkit-box-shadow:4px 4px  
4px 4px #21E210; box-shadow:4px 4px 4px  
4px #21E210 }
```

Background

The CSS property to change the background color of an element to Hex 21E210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21E210 }
```

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

```
.background{ background-color:#21E210 }
```

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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