

Converting Colors

Hex(21CA2C)

Have a look what the booklet for
Hex(21CA2C) contains.

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Color

Hex(21CA2C)

Conversions

Conversions Part 1

Format	Color
Hex	21CA2C
RGB	33, 202, 44
RGB Percent	13%, 79%, 17%
CMY	0.8706, 0.2078, 0.8275
CMYK	0.84, 0.00, 0.78, 0.21
HSL	124°, 72%, 46%
HSV	124°, 84%, 79%
XYZ	22.2024, 42.7462, 9.4635
YIQ	133.4570, -50.0060, -84.9660

Conversions

Conversions Part 2

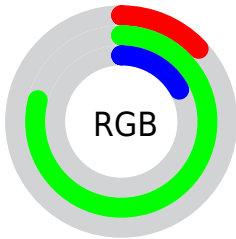
Format	Color
RYB	33, 192, 202
Decimal	2214444
CIELab	71.38, -68.71, 62.07
CIElCh	71, 92.596, 137.910
Yxy	42.7462, 0.2984, 0.5745
Android (android.graphics.Color)	4280404524 (0xFF21CA2C)
YUV	133.4570, -44.1023, -88.1008
Hunter-Lab	65.3806, -53.7999, 37.1845

Details

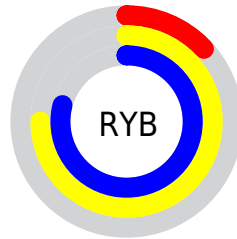
The Hex color **21CA2C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CA21BF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **70FF66**, and **009200** is the 20% darker color. If you saturate the color by 10%, you get **0DCA19**, and if you desaturate by 10%, it is **35CA3F**.

Distribution



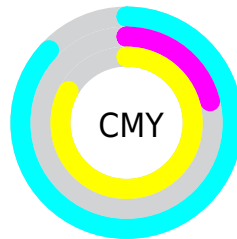
- Red (13%)
- Green (79%)
- Blue (17%)



- Red (13%)
- Yellow (75%)
- Blue (79%)



- Cyan (84%)
- Magenta (0%)
- Yellow (78%)
- Black (21%)



- Cyan (87%)
- Magenta (21%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21CA2C 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 21CA2C by changing the saturation by 10% instead.

 21CA2C

 21CA2C

FFFFFF

 00AE00

 70FF66

 009200

 90FF82

 007700

 AFFF9D

 005D00

 CEFFBA

 004400

 EDFFD7

 002C00

 FFFFF4

 000900

 000000

 21CA2C

 21CA2C

 0DCA19

 35CA3F

 00CA0D

 49CA52

 5ECA65

 72CA78

 86CA8A

 9ACA9D

 AECAB0

 C3CAC3

 D7CAD6

Harmonies

Analogous

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



A3BA00



21CA2C



00D288

Triad

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



21CA2C



00C3FF



FF4C81

Complementary

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



21CA2C



CA21BF

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.



FF4FD5



21CA2C



44A7FF

Square

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



21CA2C



00D0FF



EF7DFF



FF772E

Rectangle

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



21CA2C



00D4C4



EF7DFF



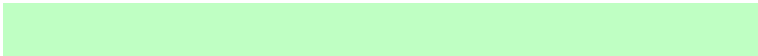
FF459C

Sweetspot

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



21CA2C



BFFFC3



C2CA21



59805C



000000



808080

Same Dimension

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



21CA2C



00FF11



21CA7E



5C665C



00A60B



002602

Inverse Universe

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



CA21BF



FF00EE



CA216D



665C65



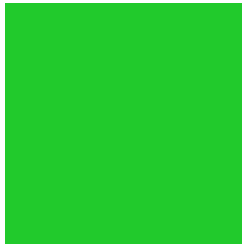
A6009B



260024

Previews

White Background



This preview shows how the Hex color 21CA2C looks on a white background.

Color Contrast Check

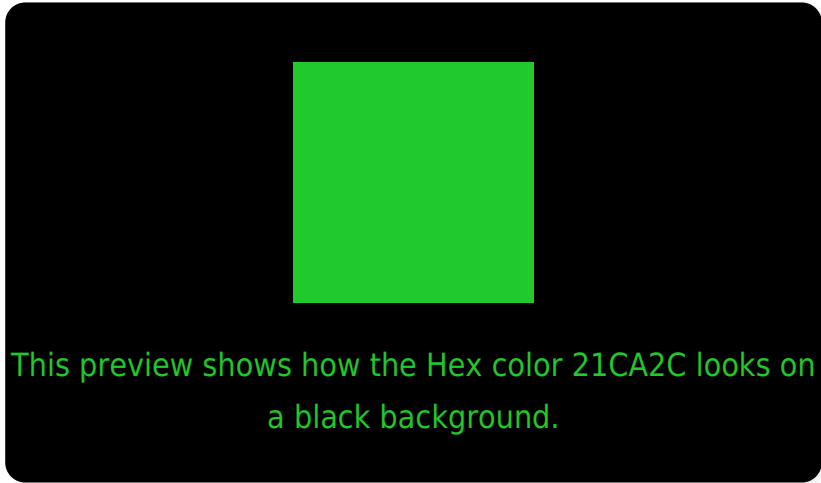
Large Text (above 18pt) WCAG AA × Fail

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 21CA2C Background



This preview shows how black text looks on a background with the Hex color 21CA2C.

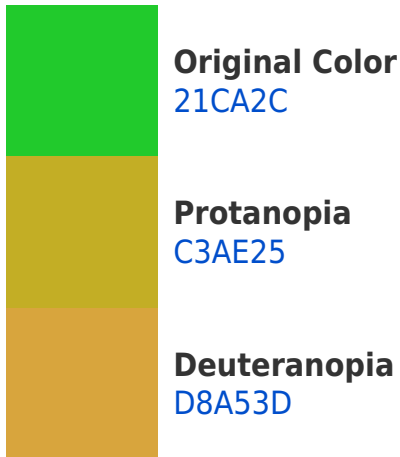


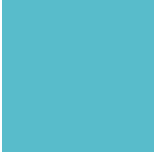
This preview shows how white text looks on a background with the Hex color 21CA2C.

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](#).

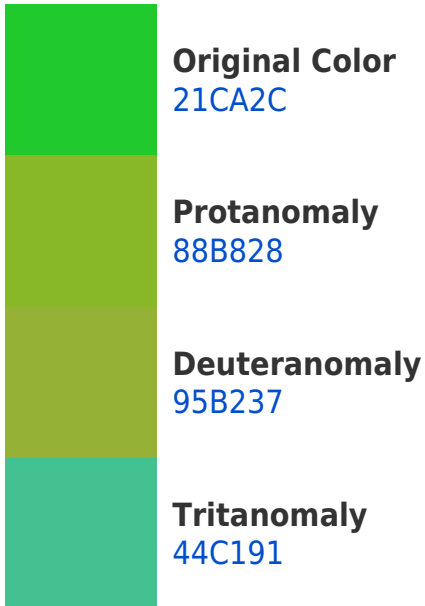
Dichromacy



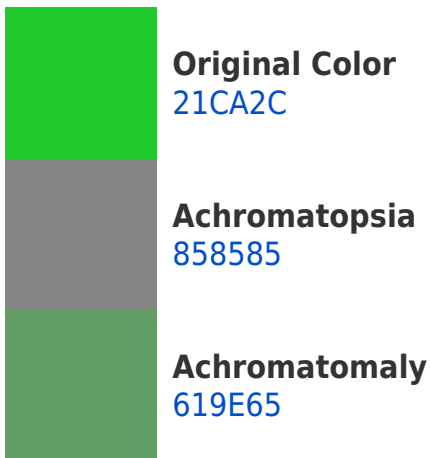


Tritanopia
58BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21CA2C 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 #21CA2C looks like.

```
.text, #text, p{  
    color:#21CA2C  
}
```

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 #21CA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21CA2C
}
```

Border

The CSS property to change the border of an element to Hex 21CA2C 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
#21CA2C }
```

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

```
.border{ border-color:#21CA2C }
```

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

Here you see how a box with a 4 pixel #21CA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21CA2C; -webkit-box-shadow:4px 4px  
4px 4px #21CA2C; box-shadow:4px 4px 4px  
4px #21CA2C }
```

Background

The CSS property to change the background color of an element to Hex 21CA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21CA2C }
```

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

```
.background{ background-color:#21CA2C }
```

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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