

Converting Colors

Hex(21C349)

Have a look what the booklet for
Hex(21C349) contains.

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Color

Hex(21C349)

Conversions

Conversions Part 1

Format	Color
Hex	21C349
RGB	33, 195, 73
RGB Percent	13%, 76%, 29%
CMY	0.8706, 0.2353, 0.7137
CMYK	0.83, 0.00, 0.63, 0.24
HSL	135°, 71%, 45%
HSV	135°, 83%, 76%
XYZ	21.3449, 39.8346, 12.8672
YIQ	132.6540, -57.3900, -72.2860

Conversions

Conversions Part 2

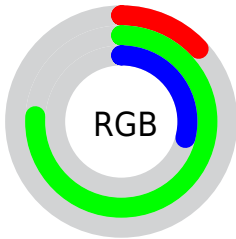
Format	Color
RYB	33, 163, 195
Decimal	2212681
CIELab	69.35, -63.98, 49.01
CIELCh	69, 80.593, 142.545
Yxy	39.8346, 0.2883, 0.5380
Android (android.graphics.Color)	4280402761 (0xFF21C349)
YUV	132.6540, -29.4094, -87.3966
Hunter-Lab	63.1146, -50.0833, 32.0928

Details

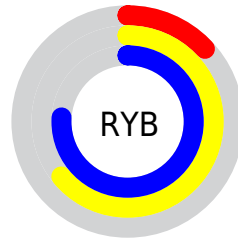
The Hex color **21C349** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C3219B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6DFD7E**, and **008C10** is the 20% darker color. If you saturate the color by 10%, you get **0DC33A**, and if you desaturate by 10%, it is **34C358**.

Distribution



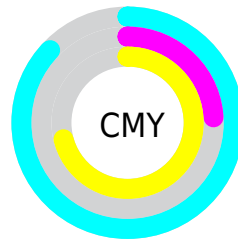
- Red (13%)
- Green (76%)
- Blue (29%)



- Red (13%)
- Yellow (64%)
- Blue (76%)



- Cyan (83%)
- Magenta (0%)
- Yellow (63%)
- Black (24%)



- Cyan (87%)
- Magenta (24%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C349 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 21C349 by changing the saturation by 10% instead.

 21C349

 21C349

FFFFFF

 00A72E

 6DFD7E

 008C10

 8CFF99

 007100

 ABFFB5

 005700

 C9FFD1

 003E00

 E8FFEE

 002600

 000000

 21C349

 21C349

 0DC33A

 34C358

 00C330

 48C366

 5BC375

 6FC384

 83C392

 96C3A1

 AAC3B0

 BDC3BE

 D0C3CD

Harmonies

Analogous

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



96B600



21C349



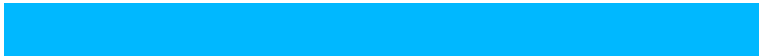
00C994

Triad

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



21C349



00B8FF



FF6176

Complementary

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



21C349



C3219B

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.



FF5CBF



21C349



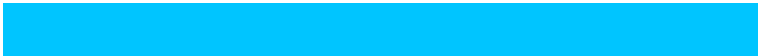
7F9EFF

Square

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



21C349



00C5FF



EF7BFF



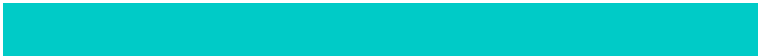
FF8032

Rectangle

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



21C349



00CBC7



EF7BFF



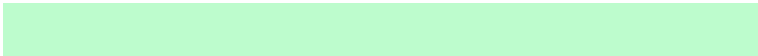
FF5B8E

Sweetspot

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



21C349



BDFCCD



9DC321



598063



000000



808080

Same Dimension

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



21C349



00FC3E



21C398



57615A



00A128



002108

Inverse Universe

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



C3219B



FC00BE



C3214C



61575F



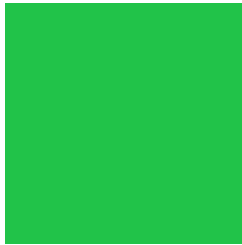
A10079



210019

Previews

White Background



This preview shows how the Hex color 21C349 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 21C349 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 21C349 Background



This preview shows how black text looks on a background with the Hex color 21C349.

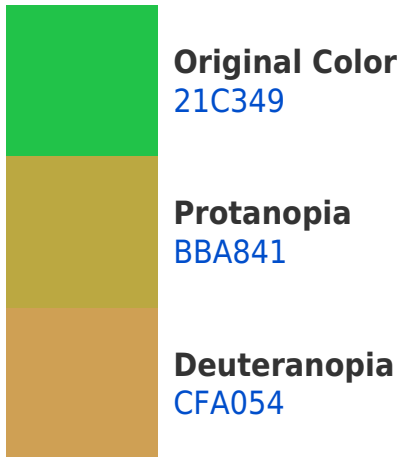


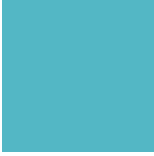
This preview shows how white text looks on a background with the Hex color 21C349.

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](#).

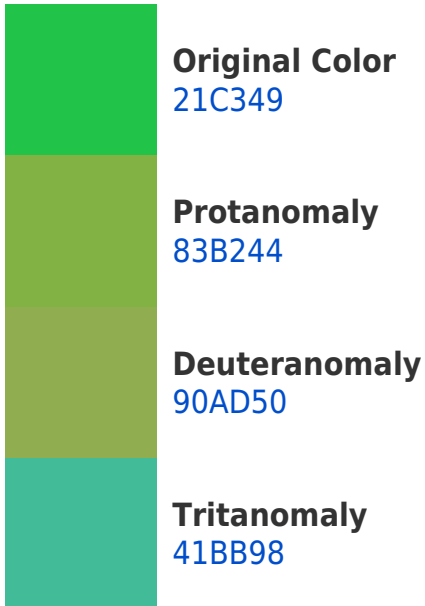
Dichromacy



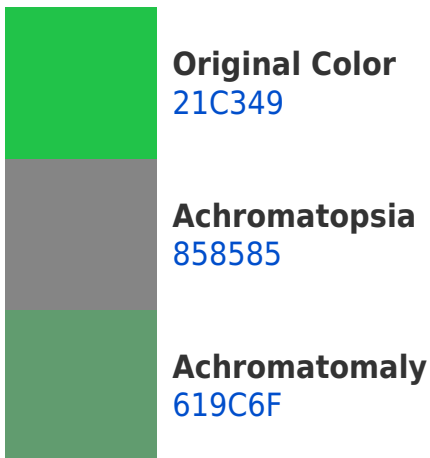


Tritanopia
53B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C349 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 #21C349 looks like.

```
.text, #text, p{  
    color:#21C349  
}
```

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 #21C349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C349
}
```

Border

The CSS property to change the border of an element to Hex 21C349 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
#21C349 }
```

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

```
.border{ border-color:#21C349 }
```

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

Here you see how a box with a 4 pixel #21C349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C349; -webkit-box-shadow:4px 4px  
4px 4px #21C349; box-shadow:4px 4px 4px  
4px #21C349 }
```

Background

The CSS property to change the background color of an element to Hex 21C349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C349 }
```

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

```
.background{ background-color:#21C349 }
```

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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