

Converting Colors

Hex(21D809)

Have a look what the booklet for
Hex(21D809) contains.

Hex(21D809)	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(21D809)

Conversions

Conversions Part 1

Format	Color
Hex	21D809
RGB	33, 216, 9
RGB Percent	13%, 85%, 4%
CMY	0.8706, 0.1529, 0.9647
CMYK	0.85, 0.00, 0.96, 0.15
HSL	113°, 92%, 44%
HSV	113°, 96%, 85%
XYZ	25.2324, 49.4548, 8.4743
YIQ	137.6850, -42.6210, -103.1730

Conversions

Conversions Part 2

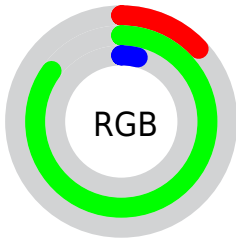
Format	Color
RYB	9, 216, 192
Decimal	2217993
CIELab	75.73, -74.05, 72.77
CIELCh	76, 103.824, 135.501
Yxy	49.4548, 0.3034, 0.5947
Android (android.graphics.Color)	4280408073 (0xFF21D809)
YUV	137.6850, -63.4417, -91.8087
Hunter-Lab	70.3241, -59.0212, 42.0822

Details

The Hex color **21D809** 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 **C009D8**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **75FF56**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **19D800**, and if you desaturate by 10%, it is **34D81F**.

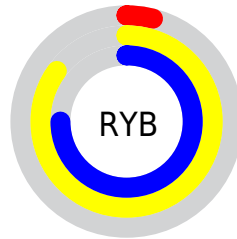
Distribution



Red (13%)

Green (85%)

Blue (4%)



Red (4%)

Yellow (85%)

Blue (75%)

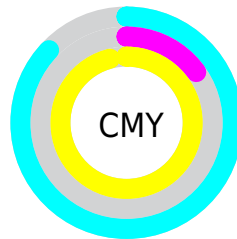


Cyan (85%)

Magenta (0%)

Yellow (96%)

Black (15%)



Cyan (87%)

Magenta (15%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21D809 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 21D809 by changing the saturation by 10% instead.

 21D809

 21D809

FFFFFF

 00BB00

 75FF56

 009F00

 96FF74

 008400

 B6FF91

 006900

 D5FFAD

 004F00

 F5FFCB


 003700

 FFFFE8

 001C00

 000000

 21D809

 21D809

 19D800

 34D81F

 47D834

 5AD84A

 6DD85F

 80D875

 94D88B

 A7D8A0

 BAD8B6

 CDD8CB

Harmonies

Analogous

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



B3C600



21D809



00E187

Triad

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



21D809



00D3FF



FF3B8E

Complementary

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



21D809



C009D8

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.



FF48ED



21D809



00B6FF

Square

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



21D809



00E1FF



FA85FF



FF742F

Rectangle

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



21D809



00E3CA



FA85FF



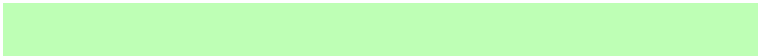
FF32AD

Sweetspot

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



21D809



BEFFB5



D8C009



588053



000000



808080

Same Dimension

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



21D809



1EFF00



09D858



626B60



14AB00



052B00

Inverse Universe

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



C009D8



E100FF



D80989



6A606B



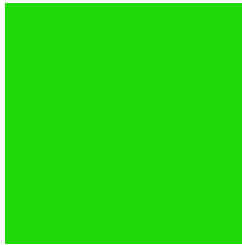
9700AB



26002B

Previews

White Background



This preview shows how the Hex color 21D809 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 21D809 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 21D809 Background



This preview shows how black text looks on a background with the Hex color 21D809.

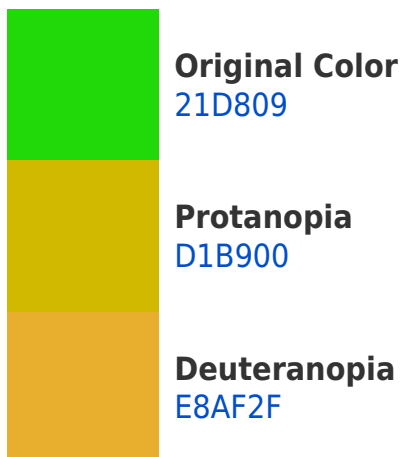


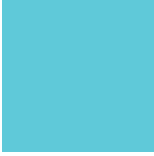
This preview shows how white text looks on a background with the Hex color 21D809.

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](#).

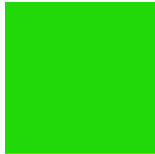
Dichromacy





Tritanopia
5FC9D9

Trichromacy



Original Color
21D809



Protanomaly
91C403



Deuteranomaly
A0BE21



Tritanomaly
48CE8D

Monochromacy



Original Color
21D809



Achromatopsia
8A8A8A



Achromatomaly
64A65B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21D809 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 #21D809 looks like.

```
.text, #text, p{  
    color:#21D809  
}
```

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 #21D809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21D809
}
```

Border

The CSS property to change the border of an element to Hex 21D809 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
#21D809 }
```

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

```
.border{ border-color:#21D809 }
```

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

Here you see how a box with a 4 pixel #21D809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21D809; -webkit-box-shadow:4px 4px  
4px 4px #21D809; box-shadow:4px 4px 4px  
4px #21D809 }
```

Background

The CSS property to change the background color of an element to Hex 21D809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21D809 }
```

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

```
.background{ background-color:#21D809 }
```

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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