

Converting Colors

Hex(21DC3D)

Have a look what the booklet for
Hex(21DC3D) contains.

Hex(21DC3D)	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(21DC3D)

Conversions

Conversions Part 1

Format	Color
Hex	21DC3D
RGB	33, 220, 61
RGB Percent	13%, 86%, 24%
CMY	0.8706, 0.1373, 0.7608
CMYK	0.85, 0.00, 0.72, 0.14
HSL	129°, 74%, 50%
HSV	129°, 85%, 86%
XYZ	27.0627, 51.8467, 12.9959
YIQ	145.9610, -60.4130, -89.0930

Conversions

Conversions Part 2

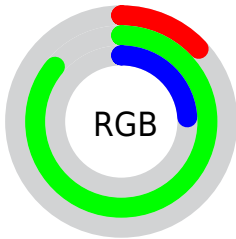
Format	Color
RYB	33, 196, 220
Decimal	2219069
CIELab	77.19, -72.74, 62.20
CIELCh	77, 95.706, 139.466
Yxy	51.8467, 0.2945, 0.5641
Android (android.graphics.Color)	4280409149 (0xFF21DC3D)
YUV	145.9610, -41.8858, -99.0668
Hunter-Lab	72.0046, -58.9194, 39.7021

Details

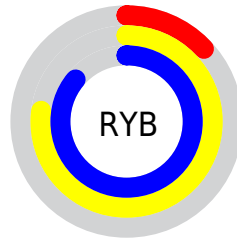
The Hex color **21DC3D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DC21C0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **74FF75**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **0BDC2A**, and if you desaturate by 10%, it is **37DC50**.

Distribution



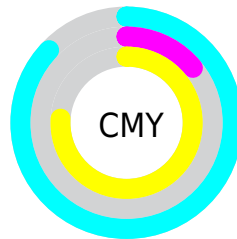
- Red (13%)
- Green (86%)
- Blue (24%)



- Red (13%)
- Yellow (77%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (72%)
- Black (14%)




- Cyan (87%)
- Magenta (14%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21DC3D 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 21DC3D by changing the saturation by 10% instead.

 21DC3D

 21DC3D

FFFFFF

 00BF1C

 74FF75

 00A300

 95FF91

 008800

 B5FFAD

 006D00

 D4FFCA

 005300

 F3FFE7

 003B00

 002100

 000000

 21DC3D

 21DC3D

 0BDC2A

 37DC50

 00DC21

 4DDC62

 63DC75

 79DC88

 8FDC9B

 A5DCAD

 BBDCC0

 D1DCD3

 E7DCE5

Harmonies

Analogous

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



AECC00



21DC3D



00E49B

Triad

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



21DC3D



00D3FF



FF5C89

Complementary

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



21DC3D



DC21C0

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.



FF5CE2



21DC3D



68B5FF

Square

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



21DC3D



00E1FF



FF89FF



FF8734

Rectangle

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



21DC3D



00E6D9



FF89FF



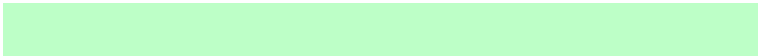
FF55A7

Sweetspot

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



21DC3D



BDFFC7



C3DC21



58805E



000000



808080

Same Dimension

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



21DC3D



00FF26



21DC97



636E64



00AD1A



002E07

Inverse Universe

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



DC21C0



FF00D9



DC2166



6E636C



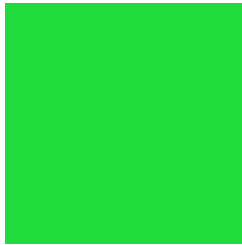
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color 21DC3D 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 21DC3D 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 21DC3D Background



This preview shows how black text looks on a background with the Hex color 21DC3D.

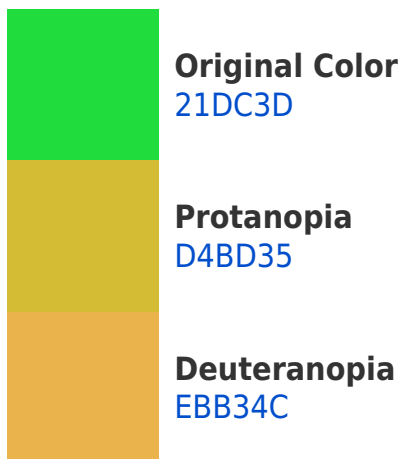


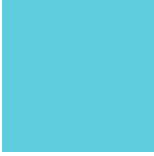
This preview shows how white text looks on a background with the Hex color 21DC3D.

Color Blindness Simulation

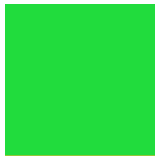
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



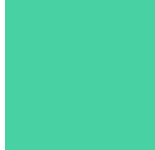
Original Color
21DC3D



Protanomaly
93C838



Deuteranomaly
A2C247



Tritanomaly
48D2A3

Monochromacy



Original Color
21DC3D



Achromatopsia
929292



Achromatomaly
69AD73

CSS Examples

Text

The CSS property to change the color of the text to Hex 21DC3D 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 #21DC3D looks like.

```
.text, #text, p{  
    color:#21DC3D  
}
```

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 #21DC3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21DC3D
}
```

Border

The CSS property to change the border of an element to Hex 21DC3D 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
#21DC3D }
```

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

```
.border{ border-color:#21DC3D }
```

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

Here you see how a box with a 4 pixel #21DC3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21DC3D; -webkit-box-shadow:4px 4px  
4px 4px #21DC3D; box-shadow:4px 4px 4px  
4px #21DC3D }
```

Background

The CSS property to change the background color of an element to Hex 21DC3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21DC3D }
```

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

```
.background{ background-color:#21DC3D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor