

Converting Colors

Hex(21DA5F)

Have a look what the booklet for
Hex(21DA5F) contains.

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Color

Hex(21DA5F)

Conversions

Conversions Part 1

Format	Color
Hex	21DA5F
RGB	33, 218, 95
RGB Percent	13%, 85%, 37%
CMY	0.8706, 0.1451, 0.6275
CMYK	0.85, 0.00, 0.56, 0.15
HSL	140°, 74%, 49%
HSV	140°, 85%, 85%
XYZ	27.7642, 51.2924, 19.2636
YIQ	148.6630, -70.7770, -77.4730

Conversions

Conversions Part 2

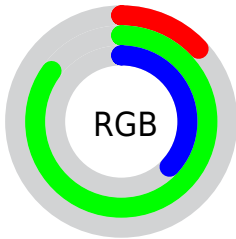
Format	Color
RYB	33, 172, 218
Decimal	2218591
CIELab	76.86, -68.48, 47.82
CIELCh	77, 83.527, 145.075
Yxy	51.2924, 0.2824, 0.5217
Android (android.graphics.Color)	4280408671 (0xFF21DA5F)
YUV	148.6630, -26.4559, -101.4365
Hunter-Lab	71.6187, -56.1342, 34.1856

Details

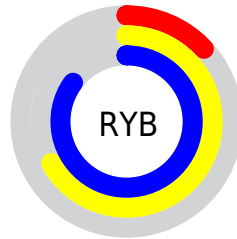
The Hex color **21DA5F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **DA219C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **72FF94**, and **00A12A** is the 20% darker color. If you saturate the color by 10%, you get **0BDA51**, and if you desaturate by 10%, it is **37DA6D**.

Distribution



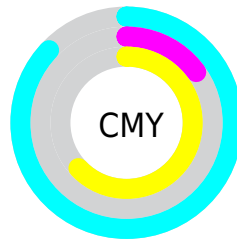
- Red (13%)
- Green (85%)
- Blue (37%)



- Red (13%)
- Yellow (67%)
- Blue (85%)



- Cyan (85%)
- Magenta (0%)
- Yellow (56%)
- Black (15%)




- Cyan (87%)
- Magenta (15%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21DA5F 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 21DA5F by changing the saturation by 10% instead.

 21DA5F

 21DA5F

FFFFFF

 00BD45

 72FF94

 00A12A

 93FFB0

 00860A

 B2FFCC

 006B00

 D1FFE9

 005100

 F0FFFF

 003A00

 002000

 000000

 21DA5F

 21DA5F

 0BDA51

 37DA6D

 00DA49

 4DDA7C

 62DA8A

 78DA99

 8EDAA7

 A4DAB6

 BADAC4

 CFDAD3

 E5DAE1

Harmonies

Analogous

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



A3CD08



21DA5F



00E0AE

Triad

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



21DA5F



00CBFF



FF7581

Complementary

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



21DA5F



DA219C

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.



FF6ECE



21DA5F



A2AFFF

Square

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



21DA5F



00DBFF



FF8AFF



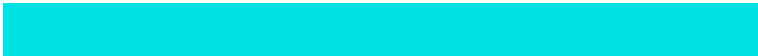
FF963B

Rectangle

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



21DA5F



00E1E4



FF8AFF



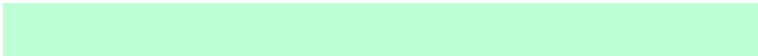
FF6F9A

Sweetspot

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



21DA5F



BFFFD5



9CDA21



598066



000000



808080

Same Dimension

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



21DA5F



00FF55



21DABB



636E66



00AD3A



002E0F

Inverse Universe

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



DA219C



FF00AA



DA2140



6E636A



AD0073



2E001F

Previews

White Background



This preview shows how the Hex color 21DA5F 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 21DA5F 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 21DA5F Background



This preview shows how black text looks on a background with the Hex color 21DA5F.

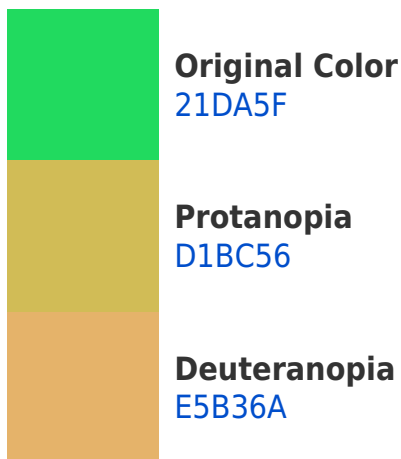


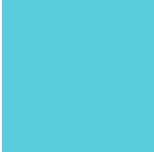
This preview shows how white text looks on a background with the Hex color 21DA5F.

Color Blindness Simulation

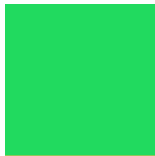
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



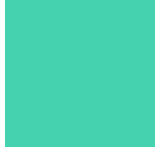
Original Color
21DA5F



Protanomaly
91C759



Deuteranomaly
9EC166



Tritanomaly
45D2AF

Monochromacy



Original Color
21DA5F



Achromatopsia
959595



Achromatomaly
6BAE81

CSS Examples

Text

The CSS property to change the color of the text to Hex 21DA5F 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 #21DA5F looks like.

```
.text, #text, p{  
    color:#21DA5F  
}
```

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 #21DA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21DA5F
}
```

Border

The CSS property to change the border of an element to Hex 21DA5F 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
#21DA5F }
```

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

```
.border{ border-color:#21DA5F }
```

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

Here you see how a box with a 4 pixel #21DA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21DA5F; -webkit-box-shadow:4px 4px  
4px 4px #21DA5F; box-shadow:4px 4px 4px  
4px #21DA5F }
```

Background

The CSS property to change the background color of an element to Hex 21DA5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21DA5F }
```

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

```
.background{ background-color:#21DA5F }
```

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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