

Converting Colors

Hex(21C73D)

Have a look what the booklet for
Hex(21C73D) contains.

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Color

Hex(21C73D)

Conversions

Conversions Part 1

Format	Color
Hex	21C73D
RGB	33, 199, 61
RGB Percent	13%, 78%, 24%
CMY	0.8706, 0.2196, 0.7608
CMYK	0.83, 0.00, 0.69, 0.22
HSL	130°, 72%, 45%
HSV	130°, 83%, 78%
XYZ	21.8929, 41.5071, 11.2727
YIQ	133.6340, -54.6380, -78.1100

Conversions

Conversions Part 2

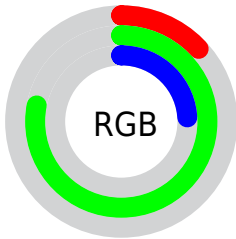
Format	Color
RYB	33, 175, 199
Decimal	2213693
CIELab	70.53, -66.48, 55.28
CIElCh	71, 86.457, 140.255
Yxy	41.5071, 0.2932, 0.5559
Android (android.graphics.Color)	4280403773 (0xFF21C73D)
YUV	133.6340, -35.8086, -88.2560
Hunter-Lab	64.4260, -52.0885, 34.7242

Details

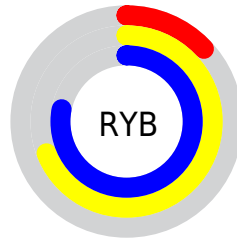
The Hex color **21C73D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C721AB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6FFF73**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **0DC72C**, and if you desaturate by 10%, it is **35C74E**.

Distribution



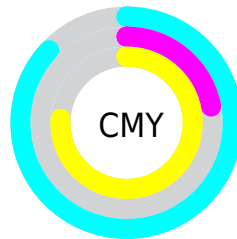
- Red (13%)
- Green (78%)
- Blue (24%)



- Red (13%)
- Yellow (69%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)



- Cyan (87%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C73D 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 21C73D by changing the saturation by 10% instead.

 21C73D

 21C73D

FFFFFF

 00AB1F

 6FFF73

 008F00

 8EFF8F

 007500

 ADFFAA

 005A00

 CCFFC7

 004100

 EBFFE3

 002900

 000400

 000000

 21C73D

 21C73D

■ 0DC72C

■ 35C74E

■ 00C722

■ 49C75E

■ 5DC76F

■ 71C77F

■ 85C790

■ 98C7A0

■ ACC7B1

■ C0C7C1

■ D4C7D2

Harmonies

Analogous

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



9DB900



21C73D



00CE8F

Triad

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



21C73D



00BEFF



FF587B

Complementary

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



21C73D



C721AB

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.



FF57CA



21C73D



6AA3FF

Square

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



21C73D



00CBFF



F07CFF



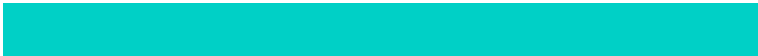
FF7C30

Rectangle

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



21C73D



00D0C6



F07CFF



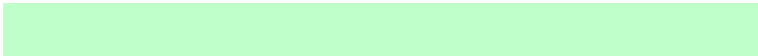
FF5295

Sweetspot

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



21C73D



BFFPCA



ABC721



598060



000000



808080

Same Dimension

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



21C73D



00FF2B



21C790



5A635B



00A31C



002406

Inverse Universe

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



C721AB



FF00D4



C72158



635A62



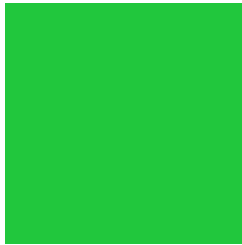
A30088



24001E

Previews

White Background



This preview shows how the Hex color 21C73D 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 21C73D 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 21C73D Background



This preview shows how black text looks on a background with the Hex color 21C73D.

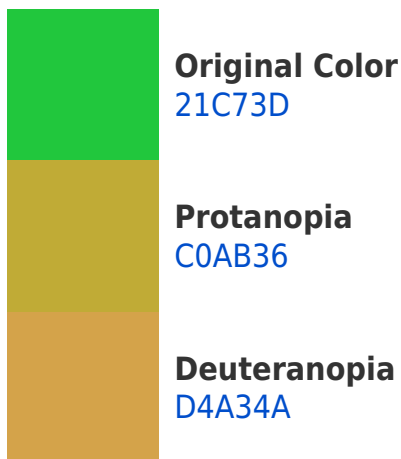


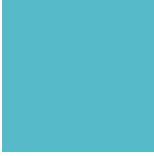
This preview shows how white text looks on a background with the Hex color 21C73D.

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
56BAC9

Trichromacy



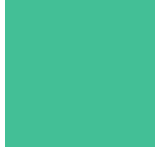
Original Color
21C73D



Protanomaly
86B539



Deuteranomaly
93B045



Tritanomaly
43BF96

Monochromacy



Original Color
21C73D



Achromatopsia
868686



Achromatomaly
619E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21C73D 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 #21C73D looks like.

```
.text, #text, p{  
    color:#21C73D  
}
```

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 #21C73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C73D
}
```

Border

The CSS property to change the border of an element to Hex 21C73D 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
#21C73D }
```

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

```
.border{ border-color:#21C73D }
```

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

Here you see how a box with a 4 pixel #21C73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C73D; -webkit-box-shadow:4px 4px  
4px 4px #21C73D; box-shadow:4px 4px 4px  
4px #21C73D }
```

Background

The CSS property to change the background color of an element to Hex 21C73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C73D }
```

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

```
.background{ background-color:#21C73D }
```

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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