

Converting Colors

Hex(21CC63)

Have a look what the booklet for
Hex(21CC63) contains.

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Color

Hex(21CC63)

Conversions

Conversions Part 1

Format	Color
Hex	21CC63
RGB	33, 204, 99
RGB Percent	13%, 80%, 39%
CMY	0.8706, 0.2000, 0.6118
CMYK	0.84, 0.00, 0.51, 0.20
HSL	143°, 72%, 46%
HSV	143°, 84%, 80%
XYZ	24.4722, 44.4099, 19.0865
YIQ	140.9010, -68.2110, -68.9070

Conversions

Conversions Part 2

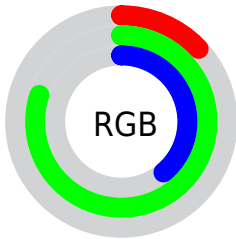
Format	Color
RYB	33, 156, 204
Decimal	2215011
CIELab	72.50, -63.38, 40.66
CIELCh	73, 75.303, 147.322
Yxy	44.4099, 0.2782, 0.5048
Android (android.graphics.Color)	4280405091 (0xFF21CC63)
YUV	140.9010, -20.6572, -94.6292
Hunter-Lab	66.6408, -51.0716, 29.6673

Details

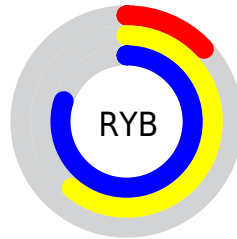
The Hex color **21CC63** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **CC218A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6EFF98**, and **009430** is the 20% darker color. If you saturate the color by 10%, you get **0DCC56**, and if you desaturate by 10%, it is **35CC70**.

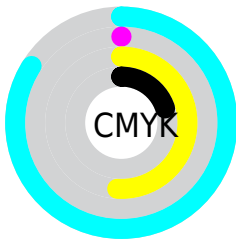
Distribution



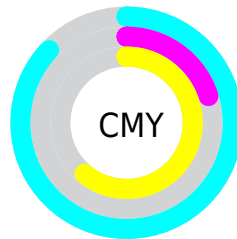
- Red (13%)
- Green (80%)
- Blue (39%)



- Red (13%)
- Yellow (61%)
- Blue (80%)



- Cyan (84%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)



- Cyan (87%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21CC63 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 21CC63 by changing the saturation by 10% instead.

 21CC63

 21CC63

FFFFFF

 00B04A

 6EFF98

 009430

 8EFFB3

 007916

 ADFFCF

 005F00

 CBFFEC

 004600

 EAFFFF

 002E00

 001000

 000000

 21CC63

 21CC63

 0DCC56

 35CC70

 00CC4F

 4ACC7C

 5ECC89

 73CC95

 87CCA2

 9BCCAE

 B0CCBB

 C4CCC7

 D9CCD4

Harmonies

Analogous

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



96C024



21CC63



00D1A9

Triad

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



21CC63



00BCFF



FF7577

Complementary

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



21CC63



CC218A

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.



FF6DBB



21CC63



A5A2FF

Square

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



21CC63



00CBFF



FF83FD



FF913B

Rectangle

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



21CC63



00D2D9



FF83FD



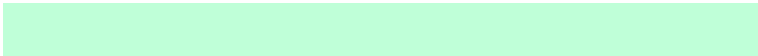
FF6F8D

Sweetspot

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



21CC63



BFFFD8



8ACC21



598068



000000



808080

Same Dimension

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



21CC63



00FF62



21CCB8



5C6660



00A640



00260F

Inverse Universe

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



CC218A



FF009D



CC2135



665C62



A60066



260017

Previews

White Background



This preview shows how the Hex color 21CC63 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 21CC63 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 21CC63 Background



This preview shows how black text looks on a background with the Hex color 21CC63.

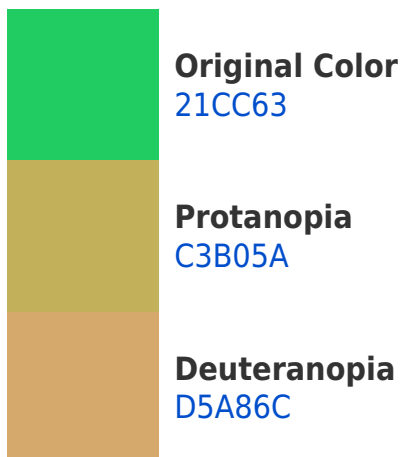


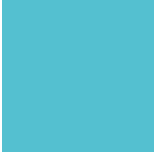
This preview shows how white text looks on a background with the Hex color 21CC63.

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
54C0D0

Trichromacy



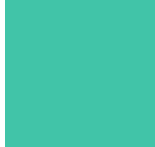
Original Color
21CC63



Protanomaly
88BA5D



Deuteranomaly
94B569



Tritanomaly
41C4A8

Monochromacy



Original Color
21CC63



Achromatopsia
8D8D8D



Achromatomaly
66A47E

CSS Examples

Text

The CSS property to change the color of the text to Hex 21CC63 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 #21CC63 looks like.

```
.text, #text, p{  
    color:#21CC63  
}
```

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 #21CC63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21CC63
}
```

Border

The CSS property to change the border of an element to Hex 21CC63 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
#21CC63 }
```

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

```
.border{ border-color:#21CC63 }
```

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

Here you see how a box with a 4 pixel #21CC63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21CC63; -webkit-box-shadow:4px 4px  
4px 4px #21CC63; box-shadow:4px 4px 4px  
4px #21CC63 }
```

Background

The CSS property to change the background color of an element to Hex 21CC63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21CC63 }
```

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

```
.background{ background-color:#21CC63 }
```

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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