

Converting Colors

Hex(21CCA6)

Have a look what the booklet for
Hex(21CCA6) contains.

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Color

Hex(21CCA6)

Conversions

Conversions Part 1

Format	Color
Hex	21CCA6
RGB	33, 204, 166
RGB Percent	13%, 80%, 65%
CMY	0.8706, 0.2000, 0.3490
CMYK	0.84, 0.00, 0.19, 0.20
HSL	167°, 72%, 46%
HSV	167°, 84%, 80%
XYZ	29.1030, 46.2622, 43.4720
YIQ	148.5390, -89.7180, -48.0700

Conversions

Conversions Part 2

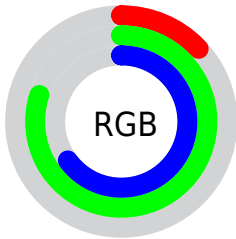
Format	Color
RYB	33, 129, 204
Decimal	2215078
CIELab	73.72, -49.70, 7.41
CIELCh	74, 50.249, 171.518
Yxy	46.2622, 0.2449, 0.3893
Android (android.graphics.Color)	4280405158 (0xFF21CCA6)
YUV	148.5390, 8.6083, -101.3277
Hunter-Lab	68.0163, -42.6516, 9.7168

Details

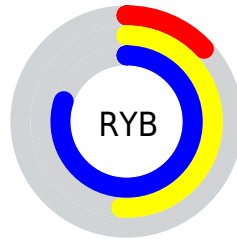
The Hex color **21CCA6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC2147**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6FFFDD**, and **009572** is the 20% darker color. If you saturate the color by 10%, you get **0DCCA1**, and if you desaturate by 10%, it is **35CCAB**.

Distribution



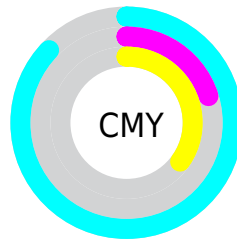
- Red (13%)
- Green (80%)
- Blue (65%)



- Red (13%)
- Yellow (51%)
- Blue (80%)



- Cyan (84%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)




- Cyan (87%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21CCA6 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 21CCA6 by changing the saturation by 10% instead.

 21CCA6

 21CCA6

FFFFFF

 00B08C

 6FFFDD

 009572

 8FFFFA

 007A5A

 AEFFFF

 006042

 CCFFFF

 00472C

 EBFFFF

 003017

 001500

 000000

 21CCA6

 21CCA6

 0DCCA1

 35CCAB

 00CC9F

 4ACCAF

 5ECCB4

 73CCB8

 87CCBD

 9BCCC1

 B0CCC6

 C4CCCA

 D9CCCF

Harmonies

Analogous

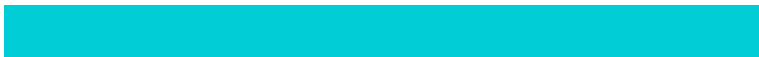
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7AC77A



21CCA6



00CDD5

Triad

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



21CCA6



A4AEFF



FD9D6E

Complementary

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



21CCA6



CC2147

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.



FF9196



21CCA6



E29CEF

Square

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



21CCA6



42BEFF



FF90C4



DCAE58

Rectangle

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



21CCA6



00CAF1



FF90C4



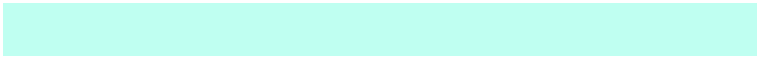
FF987A

Sweetspot

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



21CCA6



BFFFF1



49CC21



598077



000000



808080

Same Dimension

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



21CCA6



00FFC6



219ECC



5C6664



00A681



00261E

Inverse Universe

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



CC2147



FF0039



CC4F21



665C5E



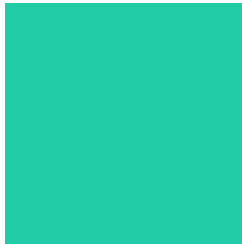
A60025



260009

Previews

White Background



This preview shows how the Hex color 21CCA6 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 21CCA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

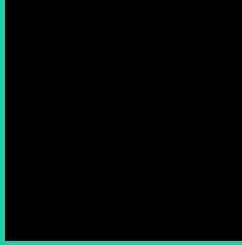
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

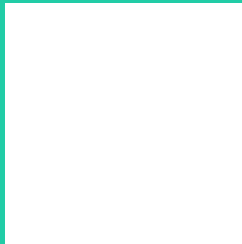
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21CCA6 Background



This preview shows how black text looks on a background with the Hex color 21CCA6.

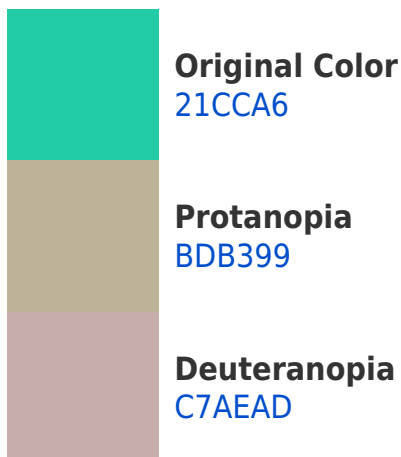


This preview shows how white text looks on a background with the Hex color 21CCA6.

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
43C5D6

Trichromacy



Original Color
21CCA6



Protanomaly
84BC9E

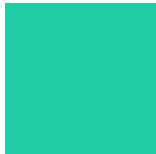


Deuteranomaly
8BB9AA



Tritanomaly
37C8C5

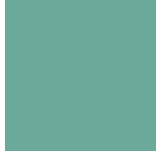
Monochromacy



Original Color
21CCA6



Achromatopsia
959595



Achromatomaly
6BA99B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21CCA6 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 #21CCA6 looks like.

```
.text, #text, p{  
    color:#21CCA6  
}
```

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 #21CCA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21CCA6  
}
```

Border

The CSS property to change the border of an element to Hex 21CCA6 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  
#21CCA6 }
```

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

```
.border{ border-color:#21CCA6 }
```

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

Here you see how a box with a 4 pixel #21CCA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21CCA6; -webkit-box-shadow:4px 4px  
4px 4px #21CCA6; box-shadow:4px 4px 4px  
4px #21CCA6 }
```

Background

The CSS property to change the background color of an element to Hex 21CCA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21CCA6 }
```

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

```
.background{ background-color:#21CCA6 }
```

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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