

Converting Colors

Hex(21CEEB)

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

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Color

Hex(21CEEB)

Conversions

Conversions Part 1

Format	Color
Hex	21CEEB
RGB	33, 206, 235
RGB Percent	13%, 81%, 92%
CMY	0.8706, 0.1922, 0.0784
CMYK	0.86, 0.12, 0.00, 0.08
HSL	189°, 83%, 53%
HSV	189°, 86%, 92%
XYZ	37.6939, 50.4641, 86.3511
YIQ	157.5790, -112.4170, -27.6570

Conversions

Conversions Part 2

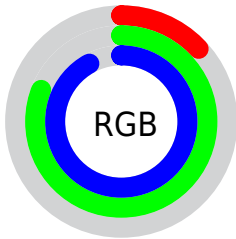
Format	Color
R_{YB}	33, 126, 235
Decimal	2215659
CIE _{Lab}	76.35, -30.72, -25.90
CIE _{LCh}	76, 40.181, 220.126
Yxy	50.4641, 0.2160, 0.2892
Android (android.graphics.Color)	4280405739 (0xFF21CEEB)
YUV	157.5790, 38.1686, -109.2558
Hunter-Lab	71.0381, -29.6018, -22.3439

Details

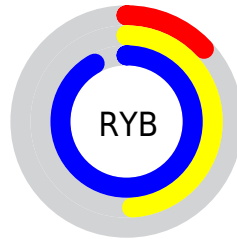
The Hex color **21CEEB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EB3E21**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FFFF**, and **0097B3** is the 20% darker color. If you saturate the color by 10%, you get **0ACBEB**, and if you desaturate by 10%, it is **38D1EB**.

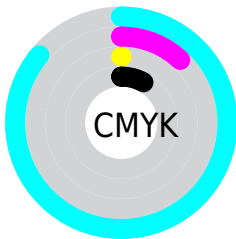
Distribution



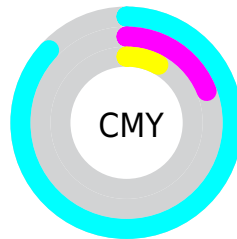
- Red (13%)
- Green (81%)
- Blue (92%)



- Red (13%)
- Yellow (49%)
- Blue (92%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (87%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 21CEEB

 21CEEB

FFFFFF

 00B2CF

 77FFFF

 0097B3

 98FFFF

 007D98

 B8FFFF

 00647E

 D7FFFF

 004B65

 F7FFFF

 00344D

 002036

 000221

 000006

■ 21CEEB

■ 21CEEB

■ 0ACBEB

■ 38D1EB

■ 00C9EB

■ 50D5EB

■ 68D8EB

■ 7FDBEB

■ 96DFEB

■ AEE2EB

■ C6E6EB

■ DDE9EB

■ F4ECEB

Harmonies

Analogous

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



3ED0C8



21CEEB



5BC7FF

Triad

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



21CEEB



F5A3D6



C9BE72

Complementary

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



21CEEB



EB3E21

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.



EAB277



21CEEB



FF9FB1

Square

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



21CEEB



D1AEF5



FFA68E



A0C882

Rectangle

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



21CEEB



87C0FF



FFA68E



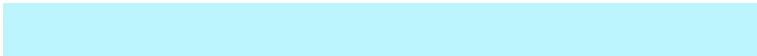
D5BA71

Sweetspot

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



21CEEB



BDF5FF



21EB3C



587A80



000000



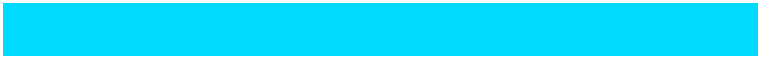
808080

Same Dimension

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



21CEEB



00DAFF



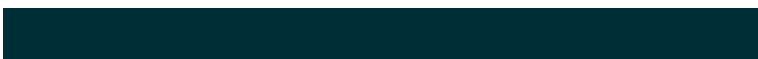
216BEB



6A7475



009BB5



002E36

Inverse Universe

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



EB21CE



FF00DA



EBA121



756A74



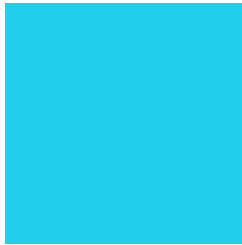
B5009B



36002E

Previews

White Background



This preview shows how the Hex color 21CEEB looks on a white background.

Color Contrast Check

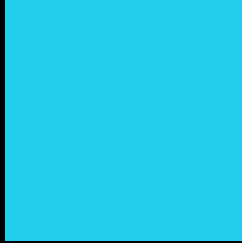
Large Text (above 18pt) WCAG AA × Fail

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 21CEEB 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 21CEEB Background



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

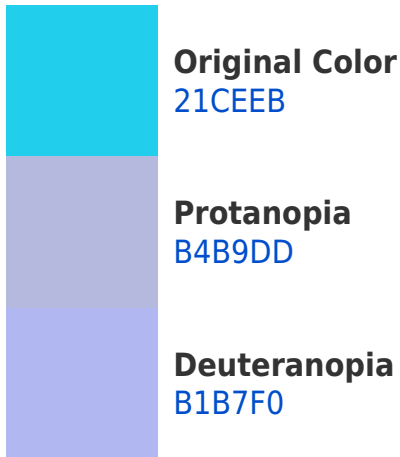


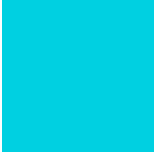
This preview shows how white text looks on a background with the Hex color 21CEEB.

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](#).

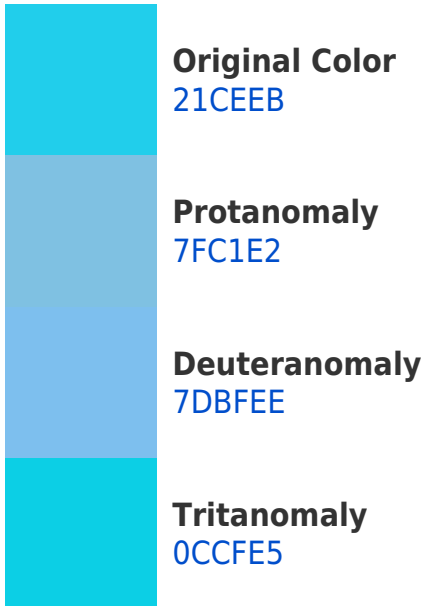
Dichromacy





Tritanopia
00D0E1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #21CEEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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