

Converting Colors

Hex(21CBE6)

Have a look what the booklet for
Hex(21CBE6) contains.

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Color

Hex(21CBE6)

Conversions

Conversions Part 1

Format	Color
Hex	21CBE6
RGB	33, 203, 230
RGB Percent	13%, 80%, 90%
CMY	0.8706, 0.2039, 0.0980
CMYK	0.86, 0.12, 0.00, 0.10
HSL	188°, 80%, 52%
HSV	188°, 86%, 90%
XYZ	36.2661, 48.7484, 82.3609
YIQ	155.2480, -109.9870, -27.6430

Conversions

Conversions Part 2

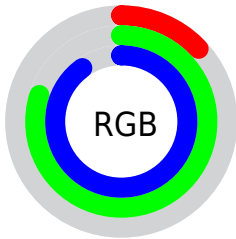
Format	Color
R _{YB}	33, 124, 230
Decimal	2214886
CIE _{Lab}	75.29, -30.86, -24.82
CIE _{LCh}	75, 39.604, 218.815
Yxy	48.7484, 0.2167, 0.2913
Android (android.graphics.Color)	4280404966 (0xFF21CBE6)
YUV	155.2480, 36.8527, -107.2115
Hunter-Lab	69.8200, -29.4682, -21.0654

Details

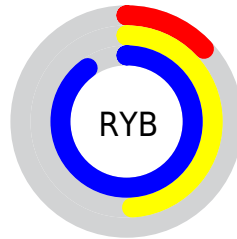
The Hex color **21CBE6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E63C21**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **76FFFF**, and **0094AE** is the 20% darker color. If you saturate the color by 10%, you get **0AC8E6**, and if you desaturate by 10%, it is **38CEE6**.

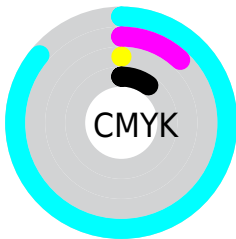
Distribution



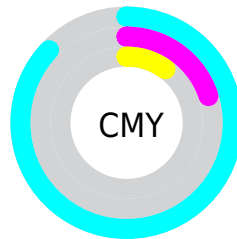
- Red (13%)
- Green (80%)
- Blue (90%)



- Red (13%)
- Yellow (49%)
- Blue (90%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (87%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21CBE6 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 21CBE6 by changing the saturation by 10% instead.

 21CBE6

 21CBE6

FFFFFF

 00AFCA

 76FFFF

 0094AE

 97FFFF

 007A94

 B6FFFF

 00617A

 D6FFFF

 004961

 F5FFFF

 003149

 001D32

 00021D

 000000

■ 21CBE6

■ 21CBE6

■ 0AC8E6

■ 38CEE6

■ 00C6E6

■ 4FD1E6

■ 66D4E6

■ 7DD8E6

■ 94DBE6

■ ABDEE6

■ C2E1E6

■ D9E4E6

■ F0E7E6

Harmonies

Analogous

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



40CDC3



21CBE6



57C4FD

Triad

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



21CBE6



F0A1D5



C7BB70

Complementary

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



21CBE6



E63C21

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.



E8AE76



21CBE6



FF9DB0

Square

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



21CBE6



CCACF2



FCA38D



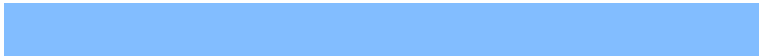
9FC57F

Rectangle

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



21CBE6



82BDFE



FCA38D



D3B770

Sweetspot

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



21CBE6



BDF6FF



21E63B



587A80



000000



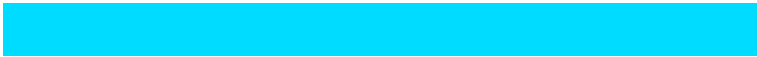
808080

Same Dimension

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



21CBE6



00DCFF



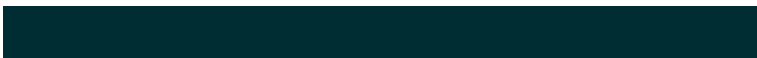
2169E6



677173



009AB3



002C33

Inverse Universe

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



E621CB



FF00DC



E69E21



736771



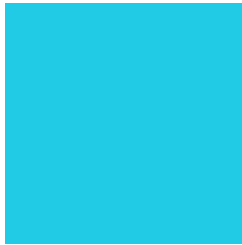
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 21CBE6 looks on a white background.

Color Contrast Check

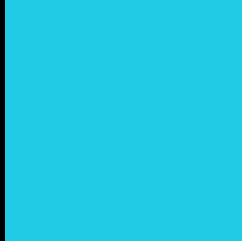
Large Text (above 18pt) WCAG AA × Fail

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 21CBE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

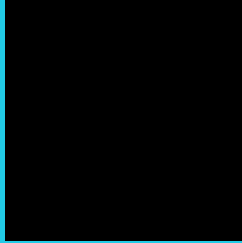
Any Text WCAG AA ✓ Pass

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 21CBE6 Background



This preview shows how black text looks on a background with the Hex color 21CBE6.

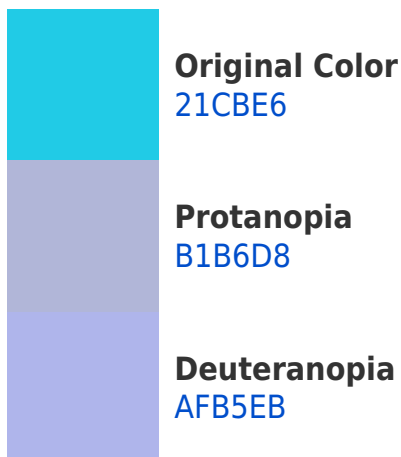


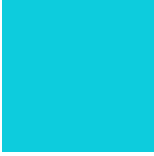
This preview shows how white text looks on a background with the Hex color 21CBE6.

Color Blindness Simulation

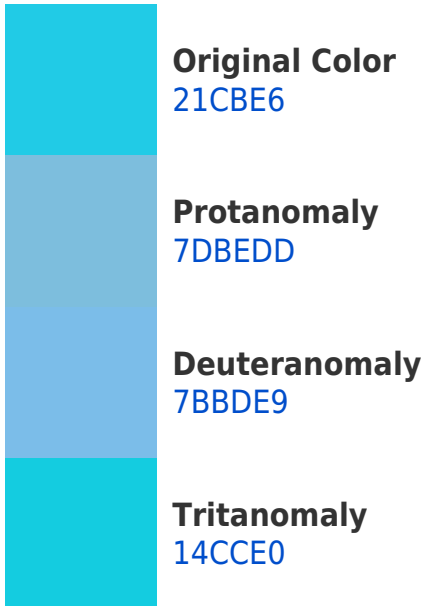
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21CBE6 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 #21CBE6 looks like.

```
.text, #text, p{  
    color:#21CBE6  
}
```

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 #21CBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21CBE6  
}
```

Border

The CSS property to change the border of an element to Hex 21CBE6 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  
#21CBE6 }
```

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

```
.border{ border-color:#21CBE6 }
```

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

Here you see how a box with a 4 pixel #21CBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21CBE6; -webkit-box-shadow:4px 4px  
4px 4px #21CBE6; box-shadow:4px 4px 4px  
4px #21CBE6 }
```

Background

The CSS property to change the background color of an element to Hex 21CBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21CBE6 }
```

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

```
.background{ background-color:#21CBE6 }
```

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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