

Converting Colors

Hex(20C1D0)

Have a look what the booklet for
Hex(20C1D0) contains.

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Color

Hex(20C1D0)

Conversions

Conversions Part 1

Format	Color
Hex	20C1D0
RGB	32, 193, 208
RGB Percent	13%, 76%, 82%
CMY	0.8745, 0.2431, 0.1843
CMYK	0.85, 0.07, 0.00, 0.18
HSL	185°, 73%, 47%
HSV	185°, 85%, 82%
XYZ	31.0508, 43.0011, 66.3380
YIQ	146.5710, -100.7710, -29.4670

Conversions

Conversions Part 2

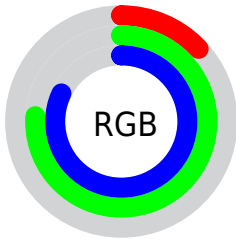
Format	Color
RYB	32, 116, 208
Decimal	2146768
CIELab	71.56, -33.03, -18.59
CIELCh	72, 37.906, 209.371
Yxy	43.0011, 0.2212, 0.3063
Android (android.graphics.Color)	4280336848 (0xFF20C1D0)
YUV	146.5710, 30.2845, -100.4788
Hunter-Lab	65.5752, -30.2343, -14.0770

Details

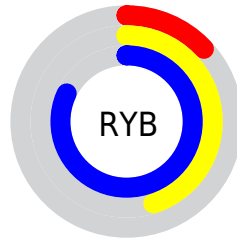
The Hex color **20C1D0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D02F20**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FAFF**, and **008B9A** is the 20% darker color. If you saturate the color by 10%, you get **0BBFD0**, and if you desaturate by 10%, it is **35C3D0**.

Distribution



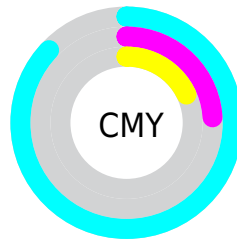
- Red (13%)
- Green (76%)
- Blue (82%)



- Red (13%)
- Yellow (45%)
- Blue (82%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (87%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20C1D0 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 20C1D0 by changing the saturation by 10% instead.

 20C1D0

 20C1D0

FFFFFF

 00A6B4

 71FAFF

 008B9A

 91FFFF

 007180

 B0FFFF

 005867

 CFFFFFF

 00404F

 EFFFFFF

 002A38

 000D23

 00000A

 000000

■ 20C1D0

■ 20C1D0

■ 0BBFD0

■ 35C3D0

■ 00BED0

■ 4AC5D0

■ 5EC6D0

■ 73C8D0

■ 88CAD0

■ 9DCCD0

■ B2CDD0

■ C6CFD0

■ DBD1D0

Harmonies

Analogous

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



4CC2AD



20C1D0



40BCEA

Triad

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



20C1D0



DA9BD3



C7AD6A

Complementary

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



20C1D0



D02F20

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.



E3A175



20C1D0



F095B1

Square

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



20C1D0



B2A7EB



F2978F



A3B772

Rectangle

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



20C1D0



68B6F3



F2978F



D1A96B

Sweetspot

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



20C1D0



BFFAFF



20D02F



597C80



000000



808080

Same Dimension

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



20C1D0



00E9FF



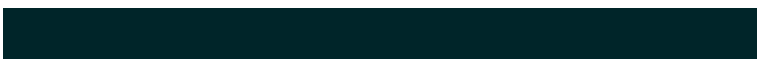
2069D0



5E6869



009AA8



002529

Inverse Universe

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



D020C1



FF00E9



D08720



695E68



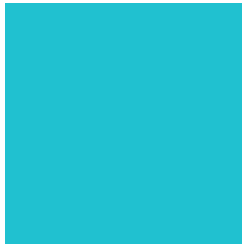
A8009A



290025

Previews

White Background



This preview shows how the Hex color 20C1D0 looks on a white background.

Color Contrast Check

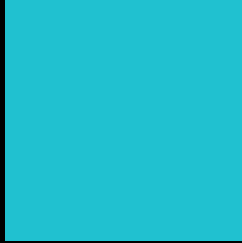
Large Text (above 18pt) WCAG AA × Fail

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 20C1D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

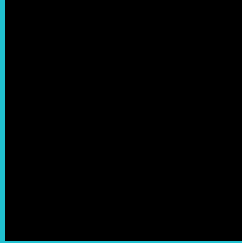
Any Text WCAG AA ✓ Pass

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 20C1D0 Background



This preview shows how black text looks on a background with the Hex color 20C1D0.

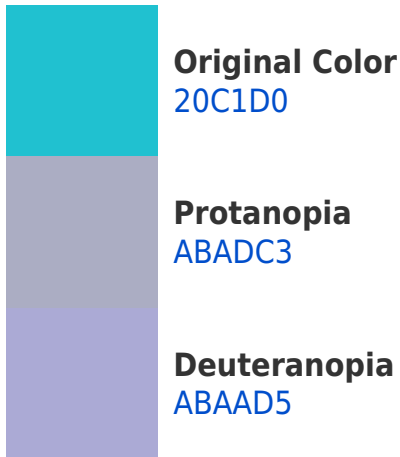


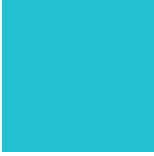
This preview shows how white text looks on a background with the Hex color 20C1D0.

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
21C1D1

Trichromacy



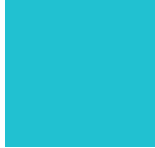
Original Color
20C1D0



Protanomaly
78B4C8



Deuteranomaly
78B2D3



Tritanomaly
21C1D1

Monochromacy



Original Color
20C1D0



Achromatopsia
939393



Achromatomaly
69A4A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 20C1D0 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 #20C1D0 looks like.

```
.text, #text, p{  
    color:#20C1D0  
}
```

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 #20C1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20C1D0
}
```

Border

The CSS property to change the border of an element to Hex 20C1D0 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
#20C1D0 }
```

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

```
.border{ border-color:#20C1D0 }
```

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

Here you see how a box with a 4 pixel #20C1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20C1D0; -webkit-box-shadow:4px 4px  
4px 4px #20C1D0; box-shadow:4px 4px 4px  
4px #20C1D0 }
```

Background

The CSS property to change the background color of an element to Hex 20C1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20C1D0 }
```

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

```
.background{ background-color:#20C1D0 }
```

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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