

Converting Colors

Hex(20C4D0)

Have a look what the booklet for
Hex(20C4D0) contains.

Hex(20C4D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(20C4D0)

Conversions

Conversions Part 1

Format	Color
Hex	20C4D0
RGB	32, 196, 208
RGB Percent	13%, 77%, 82%
CMY	0.8745, 0.2314, 0.1843
CMYK	0.85, 0.06, 0.00, 0.18
HSL	184°, 73%, 47%
HSV	184°, 85%, 82%
XYZ	31.7208, 44.3410, 66.5613
YIQ	148.3320, -101.5960, -31.0360

Conversions

Conversions Part 2

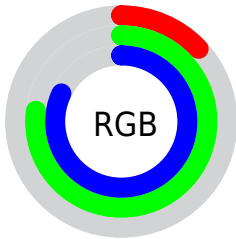
Format	Color
R_{YB}	32, 117, 208
Decimal	2147536
CIE _{Lab}	72.46, -34.45, -17.23
CIE _{LCh}	72, 38.522, 206.569
Yxy	44.3410, 0.2224, 0.3109
Android (android.graphics.Color)	4280337616 (0xFF20C4D0)
YUV	148.3320, 29.4163, -102.0232
Hunter-Lab	66.5890, -31.4995, -12.6530

Details

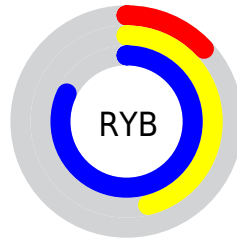
The Hex color **20C4D0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D02C20**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **71FDFF**, and **008E9A** is the 20% darker color. If you saturate the color by 10%, you get **0BC3D0**, and if you desaturate by 10%, it is **35C5D0**.

Distribution



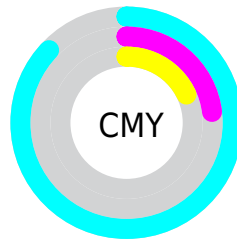
- Red (13%)
- Green (77%)
- Blue (82%)



- Red (13%)
- Yellow (46%)
- Blue (82%)



- Cyan (85%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (87%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20C4D0 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 20C4D0 by changing the saturation by 10% instead.

 20C4D0

 20C4D0

FFFFFF

 00A8B4

 71FDFF

 008E9A

 92FFFF

 007480

 B1FFFF

 005A67

 D0FFFF

 00424F

 EFFFFFF

 002C38

 001123

 00000A

 000000

■ 20C4D0

■ 20C4D0

■ 0BC3D0

■ 35C5D0

■ 00C2D0

■ 4AC7D0

■ 5EC8D0

■ 73CAD0

■ 88CBD0

■ 9DCDD0

■ B2CED0

■ C6CFD0

■ DBD1D0

Harmonies

Analogous

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



50C4AC



20C4D0



39BFEC

Triad

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



20C4D0



DA9ED9



CDAE6B

Complementary

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



20C4D0



D02C20

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.



E8A278



20C4D0



F297B7

Square

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



20C4D0



B0AAF1



F69994



A9B971

Rectangle

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



20C4D0



63BAF6



F69994



D7AA6D

Sweetspot

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



20C4D0



BFFBFF



20D02C



597D80



000000



808080

Same Dimension

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



20C4D0



00EEFF



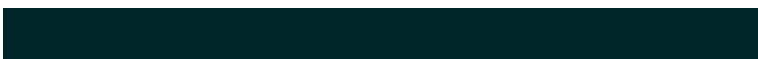
206CD0



5E6869



009DA8



002629

Inverse Universe

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



D020C4



FF00EE



D08420



695E68



A8009D



290026

Previews

White Background



This preview shows how the Hex color 20C4D0 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 20C4D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

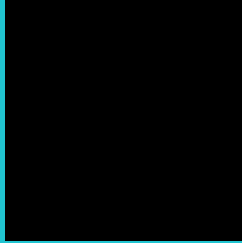
Any Text WCAG AA ✓ Pass

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 20C4D0 Background



This preview shows how black text looks on a background with the Hex color 20C4D0.

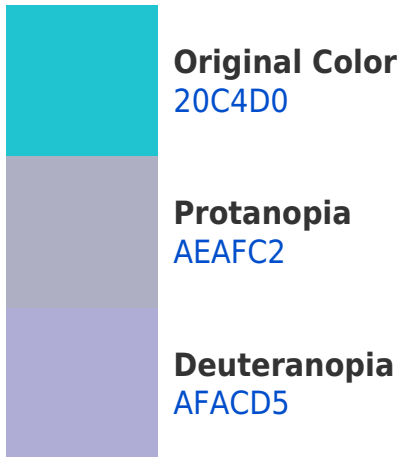


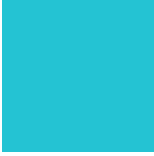
This preview shows how white text looks on a background with the Hex color 20C4D0.

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
24C3D3

Trichromacy



Original Color
20C4D0



Protanomaly
7AB7C7



Deuteranomaly
7BB5D3



Tritanomaly
23C3D2

Monochromacy



Original Color
20C4D0



Achromatopsia
949494



Achromatomaly
6AA5AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 20C4D0 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 #20C4D0 looks like.

```
.text, #text, p{  
  color:#20C4D0  
}
```

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 #20C4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20C4D0
}
```

Border

The CSS property to change the border of an element to Hex 20C4D0 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
#20C4D0 }
```

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

```
.border{ border-color:#20C4D0 }
```

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

Here you see how a box with a 4 pixel #20C4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20C4D0; -webkit-box-shadow:4px 4px  
4px 4px #20C4D0; box-shadow:4px 4px 4px  
4px #20C4D0 }
```

Background

The CSS property to change the background color of an element to Hex 20C4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20C4D0 }
```

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

```
.background{ background-color:#20C4D0 }
```

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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