

Converting Colors

Hex(20B8D8)

Have a look what the booklet for
Hex(20B8D8) contains.

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Color

Hex(20B8D8)

Conversions

Conversions Part 1

Format	Color
Hex	20B8D8
RGB	32, 184, 216
RGB Percent	13%, 72%, 85%
CMY	0.8745, 0.2784, 0.1529
CMYK	0.85, 0.15, 0.00, 0.15
HSL	190°, 74%, 49%
HSV	190°, 85%, 85%
XYZ	30.1308, 39.5459, 71.0108
YIQ	142.2000, -100.8640, -22.2720

Conversions

Conversions Part 2

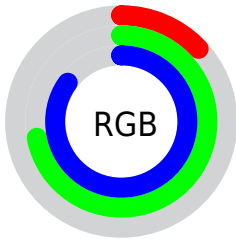
Format	Color
R _{YB}	32, 115, 216
Decimal	2144472
CIE Lab	69.14, -26.08, -26.64
CIE LCh	69, 37.278, 225.611
Yxy	39.5459, 0.2142, 0.2811
Android (android.graphics.Color)	4280334552 (0xFF20B8D8)
YUV	142.2000, 36.3834, -96.6454
Hunter-Lab	62.8855, -24.5237, -22.9308

Details

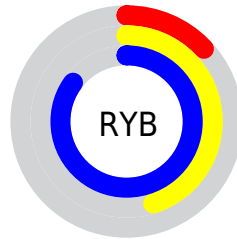
The Hex color **20B8D8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D84020**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71F0FF**, and **0083A1** is the 20% darker color. If you saturate the color by 10%, you get **0AB4D8**, and if you desaturate by 10%, it is **36BCD8**.

Distribution



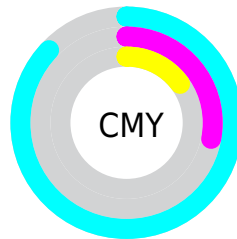
- Red (13%)
- Green (72%)
- Blue (85%)



- Red (13%)
- Yellow (45%)
- Blue (85%)



- Cyan (85%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (87%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20B8D8 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 20B8D8 by changing the saturation by 10% instead.

 20B8D8

 20B8D8

FFFFFF

 009DBC

 71F0FF

 0083A1

 91FFFF

 006987

 B0FFFF

 00516D

 CFFFFFF

 003955

 EFFFFFF

 00243E

 000328

 000112

 000000

■ 20B8D8

■ 20B8D8

■ 0AB4D8

■ 36BCD8

■ 00B2D8

■ 4BC0D8

■ 61C3D8

■ 76C7D8

■ 8CCBD8

■ A2CFD8

■ B7D2D8

■ CDD6D8

■ E2DAD8

Harmonies

Analogous

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



2CBBBA



20B8D8



5BB1EA

Triad

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



20B8D8



E090BA



ADAC67

Complementary

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



20B8D8



D84020

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.



CDA167



20B8D8



EB8F98

Square

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



20B8D8



C39AD8



E3967A



88B578

Rectangle

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



20B8D8



82AAEC



E3967A



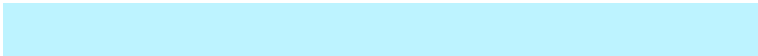
B9A965

Sweetspot

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



20B8D8



BDF3FF



20D83F



587980



000000



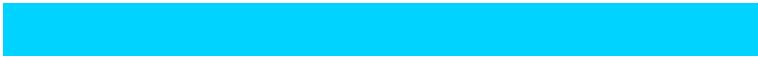
808080

Same Dimension

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



20B8D8



00D3FF



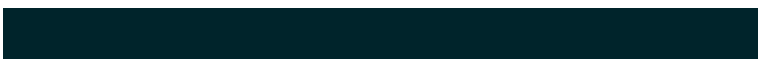
205DD8



60696B



008DAB



00242B

Inverse Universe

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



D820B8



FF00D3



D89B20



6B6069



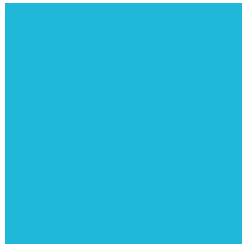
AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 20B8D8 looks on a white background.

Color Contrast Check

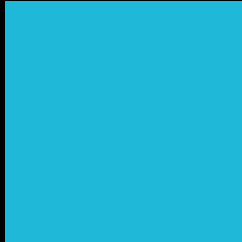
Large Text (above 18pt) WCAG AA × Fail

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 20B8D8 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 20B8D8 Background



This preview shows how black text looks on a background with the Hex color 20B8D8.

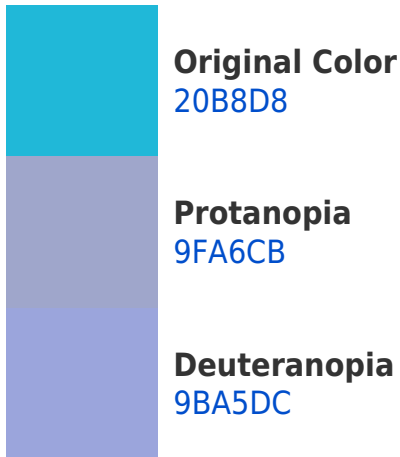


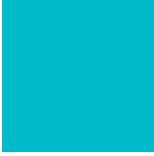
This preview shows how white text looks on a background with the Hex color 20B8D8.

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
00BAC9

Trichromacy



Original Color
20B8D8



Protanomaly
71ADD0



Deuteranomaly
6EACDB



Tritanomaly
0CB9CE

Monochromacy



Original Color
20B8D8



Achromatopsia
8E8E8E



Achromatomaly
669DA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 20B8D8 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 #20B8D8 looks like.

```
.text, #text, p{  
    color:#20B8D8  
}
```

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 #20B8D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20B8D8  
}
```

Border

The CSS property to change the border of an element to Hex 20B8D8 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  
#20B8D8 }
```

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

```
.border{ border-color:#20B8D8 }
```

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

Here you see how a box with a 4 pixel #20B8D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20B8D8; -webkit-box-shadow:4px 4px  
4px 4px #20B8D8; box-shadow:4px 4px 4px  
4px #20B8D8 }
```

Background

The CSS property to change the background color of an element to Hex 20B8D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20B8D8 }
```

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

```
.background{ background-color:#20B8D8 }
```

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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