

Converting Colors

Hex(20BADF)

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

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Color

Hex(20BADF)

Conversions

Conversions Part 1

Format	Color
Hex	20BADF
RGB	32, 186, 223
RGB Percent	13%, 73%, 87%
CMY	0.8745, 0.2706, 0.1255
CMYK	0.86, 0.17, 0.00, 0.13
HSL	192°, 75%, 50%
HSV	192°, 86%, 87%
XYZ	31.4739, 40.7526, 76.0192
YIQ	144.1720, -103.6610, -21.1410

Conversions

Conversions Part 2

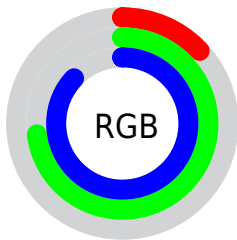
Format	Color
RYB	32, 117, 223
Decimal	2144991
CIELab	70.00, -24.78, -29.15
CIELCh	70, 38.257, 229.628
Yxy	40.7526, 0.2123, 0.2749
Android (android.graphics.Color)	4280335071 (0xFF20BADF)
YUV	144.1720, 38.8622, -98.3748
Hunter-Lab	63.8378, -23.7105, -25.9172

Details

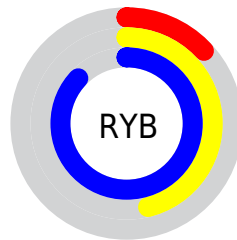
The Hex color **20BADF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DF4520**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **72F2FF**, and **0085A8** is the 20% darker color. If you saturate the color by 10%, you get **0AB6DF**, and if you desaturate by 10%, it is **36BEDF**.

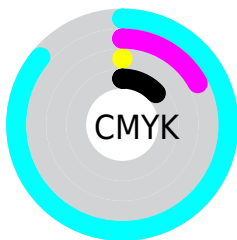
Distribution



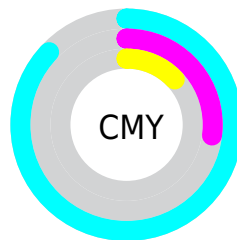
- Red (13%)
- Green (73%)
- Blue (87%)



- Red (13%)
- Yellow (46%)
- Blue (87%)



- Cyan (86%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 20BADF

 20BADF

FFFFFF

 009FC3

 72F2FF

 0085A8

 93FFFF

 006B8D

 B2FFFF

 005374

 D1FFFF

 003B5B

 F0FFFF

 002643

 00032D

 000117

 000000

 20BADF

 20BADF

 0AB6DF

 36BEDF

 00B4DF

 4DC3DF

 63C7DF

 79CBDF

 90D0DF

 A6D4DF

 BCD8DF

 D2DDDF

 E9E1DF

Harmonies

Analogous

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



1EBEC1



20BADF



63B2EF

Triad

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



20BADF



E791B9



ABB068

Complementary

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



20BADF



DF4520

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.



CDA567



20BADF



EF9195

Square

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



20BADF



CB9AD8



E59978



83B87D

Rectangle

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



20BADF



8BABEF



E59978



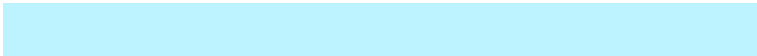
B7AD66

Sweetspot

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



20BADF



BDF2FF



20DF43



587880



000000



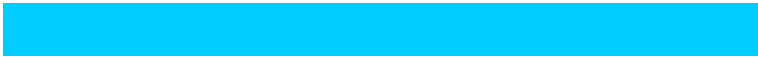
808080

Same Dimension

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



20BADF



00CEFF



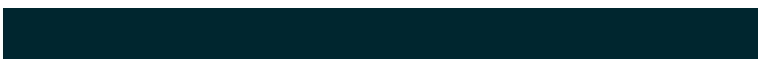
205CDF



656E70



008EB0



002730

Inverse Universe

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



DF20BA



FF00CE



DFA320



70656E



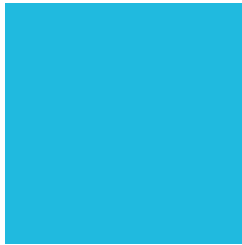
B0008E



300027

Previews

White Background



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

Color Contrast Check

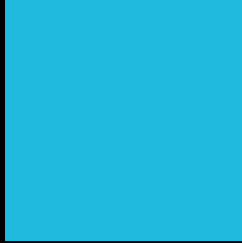
Large Text (above 18pt) WCAG AA × Fail

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 20BADF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

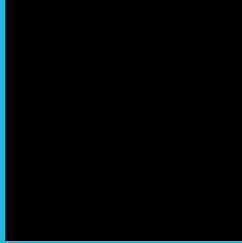
Any Text WCAG AA ✓ Pass

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 20BADF Background



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

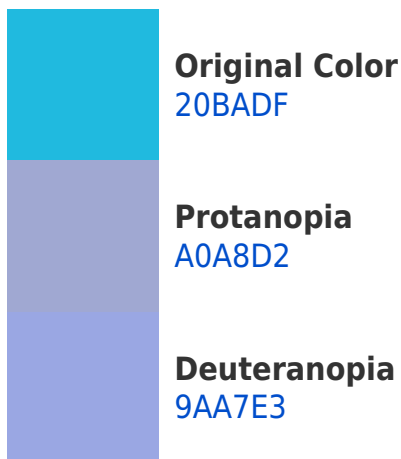


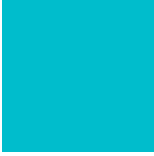
This preview shows how white text looks on a background with the Hex color 20BADF.

Color Blindness Simulation

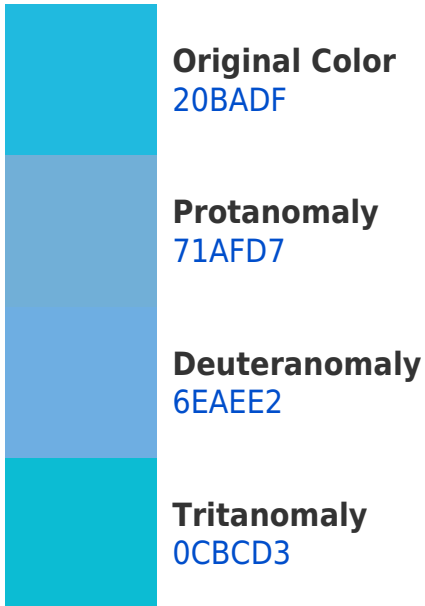
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

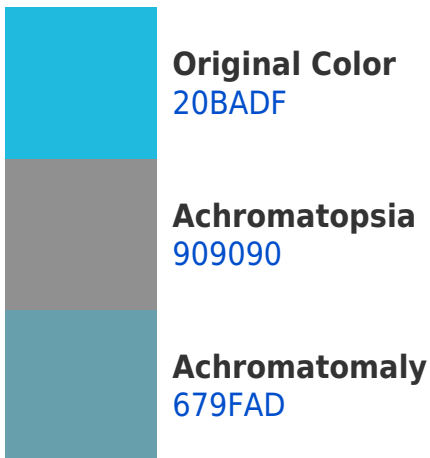




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #20BADF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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