

Converting Colors

Hex(21B4D9)

Have a look what the booklet for
Hex(21B4D9) contains.

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Color

Hex(21B4D9)

Conversions

Conversions Part 1

Format	Color
Hex	21B4D9
RGB	33, 180, 217
RGB Percent	13%, 71%, 85%
CMY	0.8706, 0.2941, 0.1490
CMYK	0.85, 0.17, 0.00, 0.15
HSL	192°, 74%, 49%
HSV	192°, 85%, 85%
XYZ	29.4728, 37.9756, 71.4223
YIQ	140.2650, -99.4890, -19.6570

Conversions

Conversions Part 2

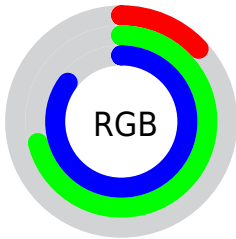
Format	Color
RYB	33, 115, 217
Decimal	2208985
CIELab	68.00, -23.65, -28.94
CIELCh	68, 37.379, 230.743
Yxy	37.9756, 0.2122, 0.2735
Android (android.graphics.Color)	4280399065 (0xFF21B4D9)
YUV	140.2650, 37.8304, -94.0714
Hunter-Lab	61.6243, -22.4721, -25.5797

Details

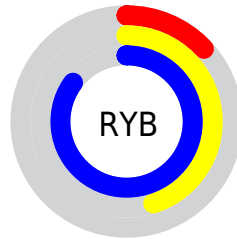
The Hex color **21B4D9** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **D94621**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **71ECFF**, and **007FA2** is the 20% darker color. If you saturate the color by 10%, you get **0BB0D9**, and if you desaturate by 10%, it is **37B8D9**.

Distribution



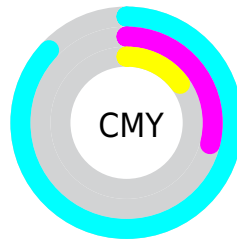
- Red (13%)
- Green (71%)
- Blue (85%)



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



- Cyan (85%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (87%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B4D9 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 21B4D9 by changing the saturation by 10% instead.

 21B4D9


 21B4D9

FFFFFF

 0099BD

 71ECFF

 007FA2

 91FFFF

 006688

 B0FFFF

 004D6E

 CFFFFFF

 003656

 EFFFFFF

 00223E

 000328

 000112

 000000

■ 21B4D9

■ 21B4D9

■ 0BB0D9

■ 37B8D9

■ 00ADD9

■ 4CBDD9

■ 62C1D9

■ 78C5D9

■ 8DCAD9

■ A3CED9

■ B9D3D9

■ CFD7D9

■ E4DBD9

Harmonies

Analogous

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



1BB8BC



21B4D9



62ACE8

Triad

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



21B4D9



E08CB2



A4AB65

Complementary

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



21B4D9



D94621

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.



C5A063



21B4D9



E88C90

Square

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



21B4D9



C695D1



DD9473



7DB37A

Rectangle

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



21B4D9



89A5E8



DD9473



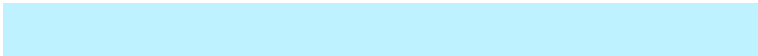
B0A862

Sweetspot

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



21B4D9



BFF2FF



21D946



597880



000000



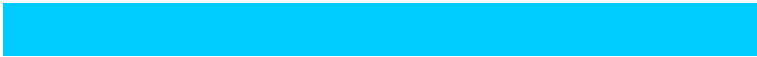
808080

Same Dimension

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



21B4D9



00CCFF



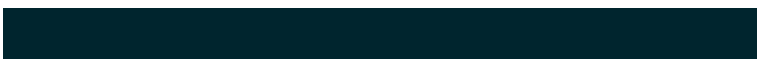
2158D9



636B6E



008BAD



00252E

Inverse Universe

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



D921B4



FF00CC



D9A221



6E636B



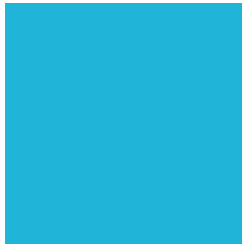
AD008B



2E0025

Previews

White Background



This preview shows how the Hex color 21B4D9 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 21B4D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

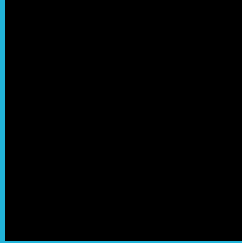
Any Text WCAG AA ✓ Pass

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 21B4D9 Background



This preview shows how black text looks on a background with the Hex color 21B4D9.

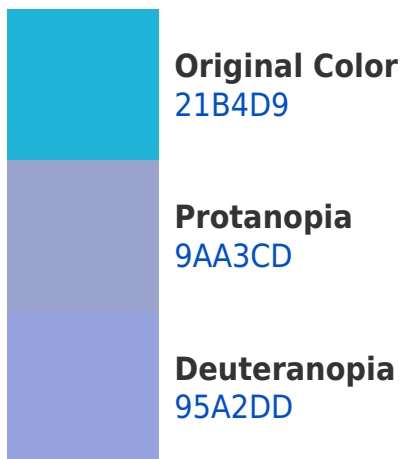


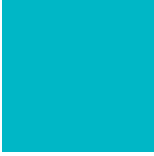
This preview shows how white text looks on a background with the Hex color 21B4D9.

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](#).

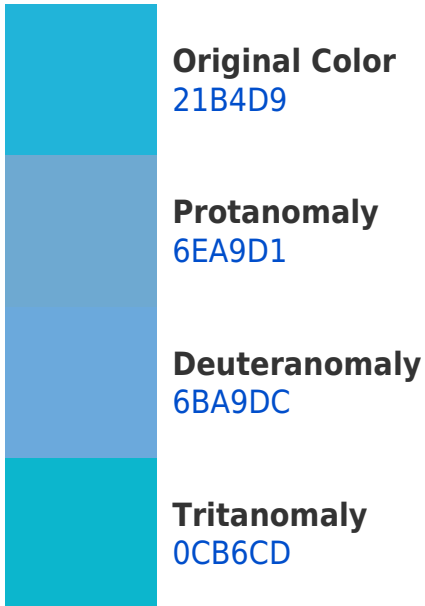
Dichromacy





Tritanopia
00B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21B4D9 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 #21B4D9 looks like.

```
.text, #text, p{  
    color:#21B4D9  
}
```

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 #21B4D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B4D9
}
```

Border

The CSS property to change the border of an element to Hex 21B4D9 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
#21B4D9 }
```

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

```
.border{ border-color:#21B4D9 }
```

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

Here you see how a box with a 4 pixel #21B4D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B4D9; -webkit-box-shadow:4px 4px  
4px 4px #21B4D9; box-shadow:4px 4px 4px  
4px #21B4D9 }
```

Background

The CSS property to change the background color of an element to Hex 21B4D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B4D9 }
```

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

```
.background{ background-color:#21B4D9 }
```

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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