

Converting Colors

Hex(21AFD2)

Have a look what the booklet for
Hex(21AFD2) contains.

Hex(21AFD2)	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(21AFD2)

Conversions

Conversions Part 1

Format	Color
Hex	21AFD2
RGB	33, 175, 210
RGB Percent	13%, 69%, 82%
CMY	0.8706, 0.3137, 0.1765
CMYK	0.84, 0.17, 0.00, 0.18
HSL	192°, 73%, 48%
HSV	192°, 84%, 82%
XYZ	27.5900, 35.6364, 66.3971
YIQ	136.5320, -95.8670, -19.2190

Conversions

Conversions Part 2

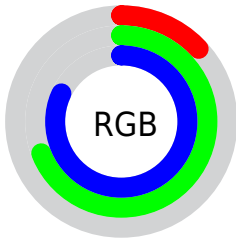
Format	Color
RYB	33, 112, 210
Decimal	2207698
CIELab	66.24, -23.43, -27.81
CIELCh	66, 36.359, 229.884
Yxy	35.6364, 0.2128, 0.2749
Android (android.graphics.Color)	4280397778 (0xFF21AFD2)
YUV	136.5320, 36.2197, -90.7976
Hunter-Lab	59.6962, -21.9704, -24.1579

Details

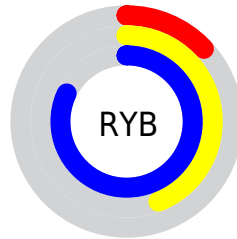
The Hex color **21AFD2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D24421**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **70E7FF**, and **007A9B** is the 20% darker color. If you saturate the color by 10%, you get **0CABD2**, and if you desaturate by 10%, it is **36B3D2**.

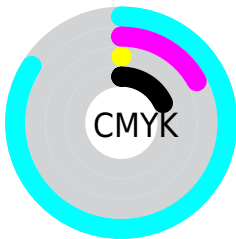
Distribution



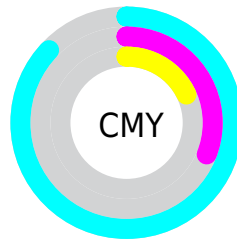
- Red (13%)
- Green (69%)
- Blue (82%)



- Red (13%)
- Yellow (44%)
- Blue (82%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (87%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21AFD2 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 21AFD2 by changing the saturation by 10% instead.

■ 21AFD2

■ 21AFD2

FFFFFF

■ 0094B6

■ 70E7FF

■ 007A9B

■ 8FFFFFF

■ 006181

■ AEFFFF

■ 004968

■ CDFFFF

■ 003250

■ ECFFFF

■ 001F39

■ 000223

■ 00000A

■ 000000

■ 21AFD2

■ 21AFD2

■ 0CABD2

■ 36B3D2

■ 00A8D2

■ 4BB7D2

■ 60BBD2

■ 75C0D2

■ 8AC4D2

■ 9FC8D2

■ B4CCD2

■ C9D0D2

■ DED4D2

Harmonies

Analogous

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



1EB2B6



21AFD2



5EA8E1

Triad

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



21AFD2



D989AD



A1A663

Complementary

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



21AFD2



D24421

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.



C09B61



21AFD2



E1888C

Square

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



21AFD2



BF91CB



D79070



7BAE76

Rectangle

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



21AFD2



83A1E1



D79070



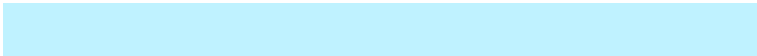
ACA360

Sweetspot

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



21AFD2



BFF2FF



21D241



597880



000000



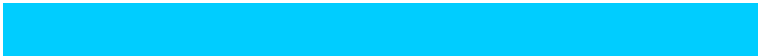
808080

Same Dimension

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



21AFD2



00CDFF



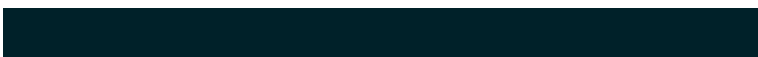
2159D2



5E6669



0087A8



002129

Inverse Universe

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



D221AF



FF00CD



D29A21



695E66



A80087



290021

Previews

White Background



This preview shows how the Hex color 21AFD2 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 21AFD2 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 21AFD2 Background



This preview shows how black text looks on a background with the Hex color 21AFD2.

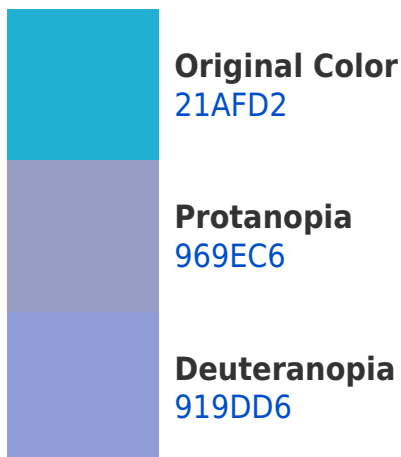


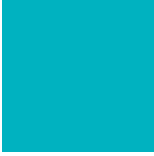
This preview shows how white text looks on a background with the Hex color 21AFD2.

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](#).

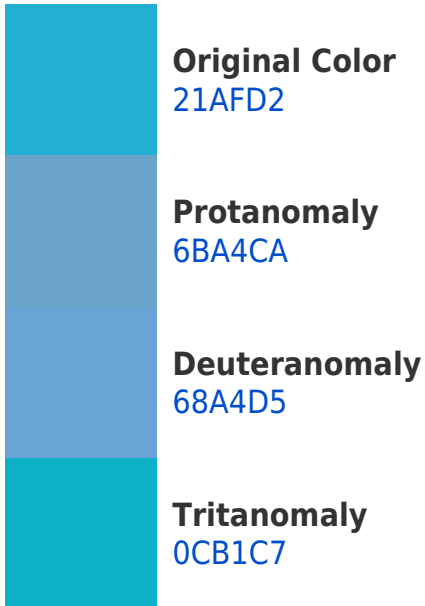
Dichromacy





Tritanopia
00B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21AFD2 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 #21AFD2 looks like.

```
.text, #text, p{  
    color:#21AFD2  
}
```

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 #21AFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21AFD2
}
```

Border

The CSS property to change the border of an element to Hex 21AFD2 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
#21AFD2 }
```

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

```
.border{ border-color:#21AFD2 }
```

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

Here you see how a box with a 4 pixel #21AFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21AFD2; -webkit-box-shadow:4px 4px  
4px 4px #21AFD2; box-shadow:4px 4px 4px  
4px #21AFD2 }
```

Background

The CSS property to change the background color of an element to Hex 21AFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21AFD2 }
```

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

```
.background{ background-color:#21AFD2 }
```

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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