

Converting Colors

Hex(21B5DE)

Have a look what the booklet for
Hex(21B5DE) contains.

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Color

Hex(21B5DE)

Conversions

Conversions Part 1

Format	Color
Hex	21B5DE
RGB	33, 181, 222
RGB Percent	13%, 71%, 87%
CMY	0.8706, 0.2902, 0.1294
CMYK	0.85, 0.18, 0.00, 0.13
HSL	193°, 74%, 50%
HSV	193°, 85%, 87%
XYZ	30.3359, 38.6450, 74.9676
YIQ	141.4220, -101.3690, -18.6250

Conversions

Conversions Part 2

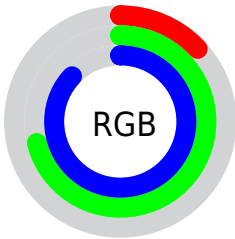
Format	Color
RYB	33, 116, 222
Decimal	2209246
CIELab	68.49, -22.50, -30.93
CIELCh	68, 38.243, 233.966
Yxy	38.6450, 0.2107, 0.2685
Android (android.graphics.Color)	4280399326 (0xFF21B5DE)
YUV	141.4220, 39.7250, -95.0861
Hunter-Lab	62.1651, -21.6829, -27.9848

Details

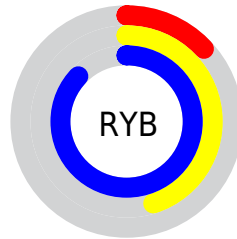
The Hex color **21B5DE** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **DE4A21**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **72EDFF**, and **0080A7** is the 20% darker color. If you saturate the color by 10%, you get **0BB0DE**, and if you desaturate by 10%, it is **37BADE**.

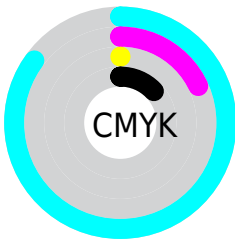
Distribution



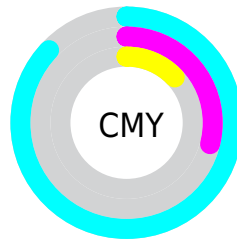
- Red (13%)
- Green (71%)
- Blue (87%)



- Red (13%)
- Yellow (45%)
- Blue (87%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B5DE 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 21B5DE by changing the saturation by 10% instead.

 21B5DE

 21B5DE

FFFFFF

 009AC2

 72EDFF

 0080A7

 92FFFF

 00678C

 B2FFFF

 004E73

 D1FFFF

 00375A

 F0FFFF

 002342

 00032C

 000116

 000000

■ 21B5DE

■ 21B5DE

■ 0BB0DE

■ 37BADE

■ 00AEDE

■ 4DBFDE

■ 64C3DE

■ 7AC8DE

■ 90CDDE

■ A6D2DE

■ BCD7DE

■ D3DCDE

■ E9E0DE

Harmonies

Analogous

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



04B9C2



21B5DE



67ADEB

Triad

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



21B5DE



E58DAF



A1AD67

Complementary

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



21B5DE



DE4A21

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.



C4A362



21B5DE



EA8E8D

Square

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



21B5DE



CC94D0



DE9770



79B57D

Rectangle

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



21B5DE



8FA5EA



DE9770



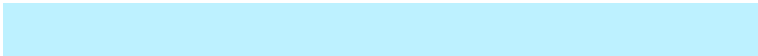
AEAA63

Sweetspot

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



21B5DE



BDF1FF



21DE4A



587780



000000



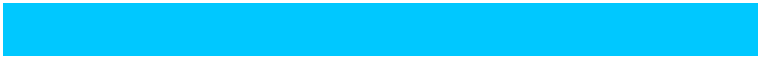
808080

Same Dimension

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



21B5DE



00C8FF



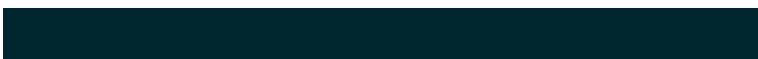
2157DE



656E70



008AB0



002630

Inverse Universe

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



DE21B5



FF00C8



DEA821



70656E



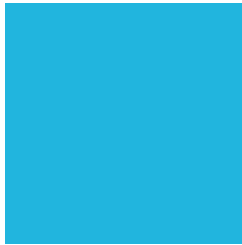
B0008A



300026

Previews

White Background



This preview shows how the Hex color 21B5DE looks on a white background.

Color Contrast Check

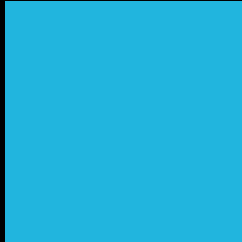
Large Text (above 18pt) WCAG AA × Fail

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 21B5DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

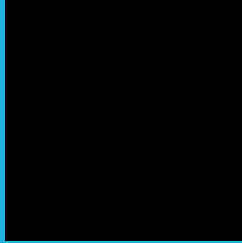
Any Text WCAG AA ✓ Pass

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 21B5DE Background



This preview shows how black text looks on a background with the Hex color 21B5DE.

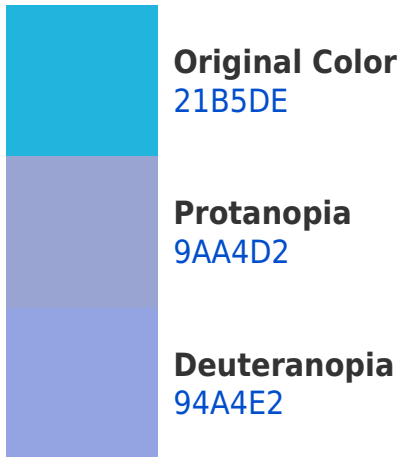


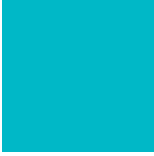
This preview shows how white text looks on a background with the Hex color 21B5DE.

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



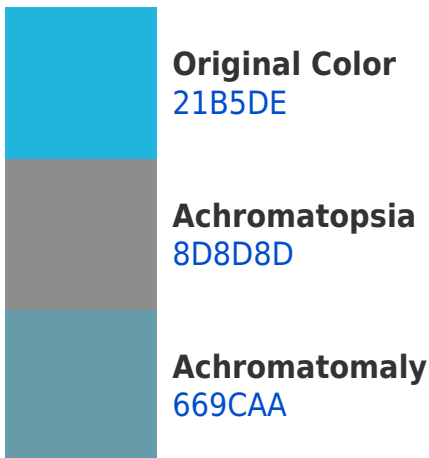


Tritanopia
00B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21B5DE 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 #21B5DE looks like.

```
.text, #text, p{  
    color:#21B5DE  
}
```

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 #21B5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B5DE
}
```

Border

The CSS property to change the border of an element to Hex 21B5DE 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
#21B5DE }
```

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

```
.border{ border-color:#21B5DE }
```

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

Here you see how a box with a 4 pixel #21B5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B5DE; -webkit-box-shadow:4px 4px  
4px 4px #21B5DE; box-shadow:4px 4px 4px  
4px #21B5DE }
```

Background

The CSS property to change the background color of an element to Hex 21B5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B5DE }
```

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

```
.background{ background-color:#21B5DE }
```

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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