

# Converting Colors

Hex(2CBFD7)

Have a look what the booklet for  
Hex(2CBFD7) contains.

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# **Color**

**Hex(2CBFD7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2CBFD7                       |
| RGB         | 44, 191, 215                 |
| RGB Percent | 17%, 75%, 84%                |
| CMY         | 0.8275, 0.2510, 0.1569       |
| CMYK        | 0.80, 0.11, 0.00, 0.16       |
| HSL         | 188°, 68%, 51%               |
| HSV         | 188°, 80%, 84%               |
| XYZ         | 31.9352, 42.7034, 70.8494    |
| YIQ         | 149.7830, -95.3160, -23.7000 |

# Conversions

## Conversions Part 2

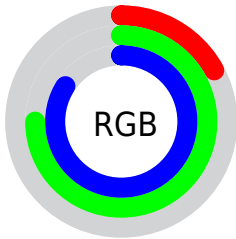
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">44, 123, 215</a>                    |
| Decimal                             | <a href="#">2932695</a>                         |
| CIELab                              | <a href="#">71.35, -28.92, -22.70</a>           |
| CIELCh                              | <a href="#">71, 36.766, 218.128</a>             |
| Yxy                                 | <a href="#">42.7034, 0.2195,<br/>0.2935</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4281122775<br/>(0xFF2CBFD7)</a>     |
| YUV                                 | <a href="#">149.7830, 32.1520,<br/>-92.7717</a> |
| Hunter-Lab                          | <a href="#">65.3478, -27.1264,<br/>-18.5381</a> |

# Details

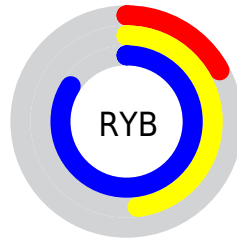
The Hex color **2CBFD7** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **D7442C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **77F8FF**, and **0089A0** is the 20% darker color. If you saturate the color by 10%, you get **16BCD7**, and if you desaturate by 10%, it is **41C2D7**.

# Distribution



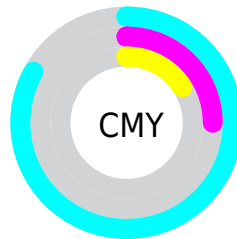
- Red (17%)
- Green (75%)
- Blue (84%)



- Red (17%)
- Yellow (48%)
- Blue (84%)



- Cyan (80%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (25%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CBFD7 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 2CBFD7 by changing the saturation by 10% instead.



 2CBFD7

 2CBFD7


FFFFFF

 00A4BB

 77F8FF

 0089A0

 97FFFF

 006F86

 B6FFFF

 00576D

 D5FFFF

 003F54

 F3FFFF

 00293D

 000C27

 000111

 000000

■ 2CBFD7

■ 2CBFD7

■ 16BCD7

■ 41C2D7

■ 01B9D7

■ 57C5D7

■ 00B9D7

■ 6CC8D7

■ 82CBD7

■ 98CED7

■ ADD1D7

■ C3D4D7

■ D8D7D7

■ EEDAD7

# Harmonies

## Analogous

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



43C1B7



2CBFD7



56B9EC

# Triad

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



2CBFD7



E098C8



BCB06C

# Complementary

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



2CBFD7



D7442C

# 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.



DAA471



2CBFD7



F095A7

# Square

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



2CBFD7



BFA3E4



ED9A87



98B979

# Rectangle

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



2CBFD7



7CB3F1



ED9A87



C7AC6B

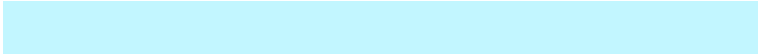


# Sweetspot

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



2CBFD7



C2F6FF



2CD743



5B7A80



000000



808080

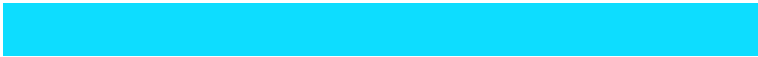


# Same Dimension

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



2CBFD7



0DDDFE



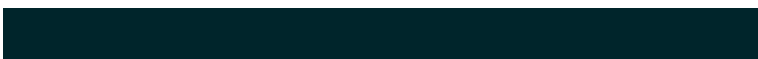
2C6BD7



606A6B



0093AB



00252B



# Inverse Universe

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



D72CBF



FF0DDD



D7982C



6B606A



AB0093

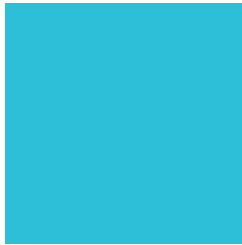


2B0025



# Previews

## White Background



This preview shows how the Hex color 2CBFD7 looks on a white background.

## Color Contrast Check

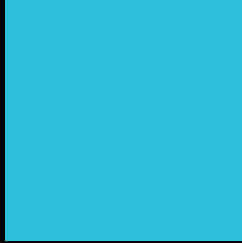
Large Text (above 18pt) WCAG AA × Fail

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 2CBFD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

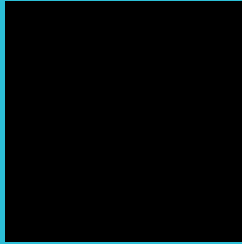
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CBFD7 Background



This preview shows how black text looks on a background with the Hex color 2CBFD7.

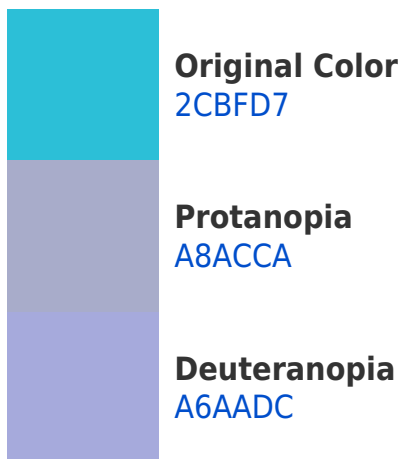


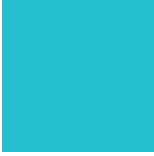
This preview shows how white text looks on a background with the Hex color 2CBFD7.

# Color Blindness Simulation

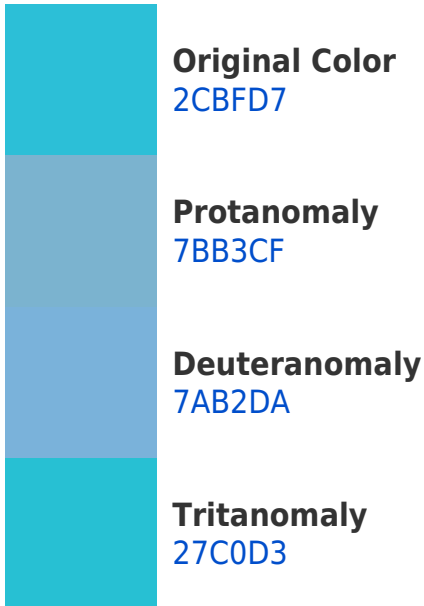
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CBFD7 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 #2CBFD7 looks like.

```
.text, #text, p{  
    color:#2CBFD7  
}
```

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 #2CBFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CBFD7
}
```

## Border

The CSS property to change the border of an element to Hex 2CBFD7 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
#2CBFD7 }
```

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

```
.border{ border-color:#2CBFD7 }
```

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

Here you see how a box with a 4 pixel #2CBFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CBFD7; -webkit-box-shadow:4px 4px  
4px 4px #2CBFD7; box-shadow:4px 4px 4px  
4px #2CBFD7 }
```

# Background

The CSS property to change the background color of an element to Hex 2CBFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CBFD7 }
```

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

```
.background{ background-color:#2CBFD7 }
```

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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