

Converting Colors

Hex(38BFD5)

Have a look what the booklet for
Hex(38BFD5) contains.

Hex(38BFD5)	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(38BFD5)

Conversions

Conversions Part 1

Format	Color
Hex	38BFD5
RGB	56, 191, 213
RGB Percent	22%, 75%, 84%
CMY	0.7804, 0.2510, 0.1647
CMYK	0.74, 0.10, 0.00, 0.16
HSL	188°, 65%, 53%
HSV	188°, 74%, 84%
XYZ	32.2719, 42.9065, 69.5317
YIQ	153.1430, -87.5220, -21.7780

Conversions

Conversions Part 2

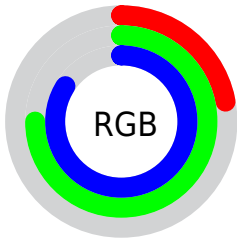
Format	Color
R _{YB}	56, 129, 213
Decimal	3719125
CIE Lab	71.49, -28.30, -21.38
CIE LCh	71, 35.469, 217.071
Yxy	42.9065, 0.2230, 0.2965
Android (android.graphics.Color)	4281909205 (0xFF38BFD5)
YUV	153.1430, 29.5095, -85.1944
Hunter-Lab	65.5030, -26.6872, -17.0844

Details

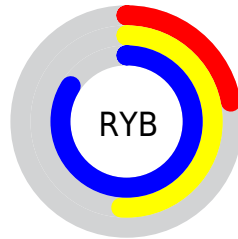
The Hex color **38BFD5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D54E38**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7DF8FF**, and **00899E** is the 20% darker color. If you saturate the color by 10%, you get **23BCD5**, and if you desaturate by 10%, it is **4DC2D5**.

Distribution



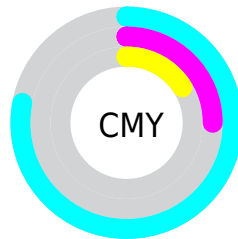
- Red (22%)
- Green (75%)
- Blue (84%)



- Red (22%)
- Yellow (51%)
- Blue (84%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38BFD5 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 38BFD5 by changing the saturation by 10% instead.

 38BFD5

 38BFD5

FFFFFF

 00A4B9

 7DF8FF

 00899E

 9CFFFF

 006F84

 BBFFFF

 00576B

 DAFFFF

 003F53

 F8FFFF

 00293B

 000D26

 00010F

 000000

■ 38BFD5

■ 38BFD5

■ 23BCD5

■ 4DC2D5

■ 0DB9D5

■ 63C5D5

■ 00B7D5

■ 78C8D5

■ 8DCBD5

■ A3CED5

■ B8D1D5

■ CDD4D5

■ E2D7D5

■ F8DAD5

Harmonies

Analogous

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



4CC1B6



38BFD5



5AB9EA

Triad

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



38BFD5



DE9AC9



BDB06E

Complementary

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



38BFD5



D54E38

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.



DAA574



38BFD5



EE96A9

Square

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



38BFD5



BDA4E3



EC9B8A



9AB97A

Rectangle

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



38BFD5



7DB3EF



EC9B8A



C8AC6E

Sweetspot

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



38BFD5



C7F7FF



38D54D



5E7B80



000000



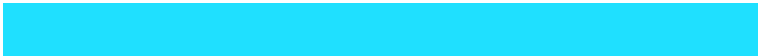
808080

Same Dimension

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



38BFD5



1FE0FF



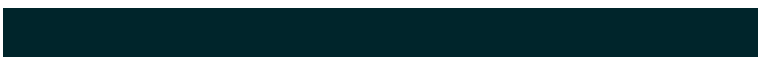
3872D5



606A6B



0093AB



00252B

Inverse Universe

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



D538BF



FF1FE0



D59B38



6B606A



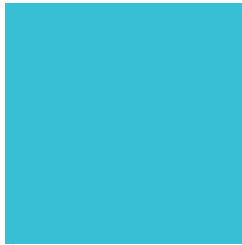
AB0093



2B0025

Previews

White Background



This preview shows how the Hex color 38BFD5 looks on a white background.

Color Contrast Check

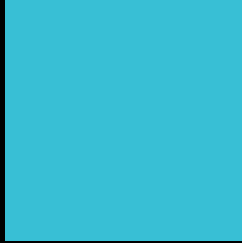
Large Text (above 18pt) WCAG AA × Fail

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 38BFD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

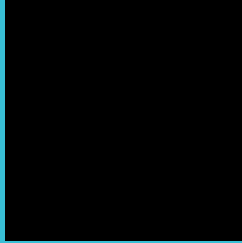
Any Text WCAG AA ✓ Pass

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 38BFD5 Background



This preview shows how black text looks on a background with the Hex color 38BFD5.

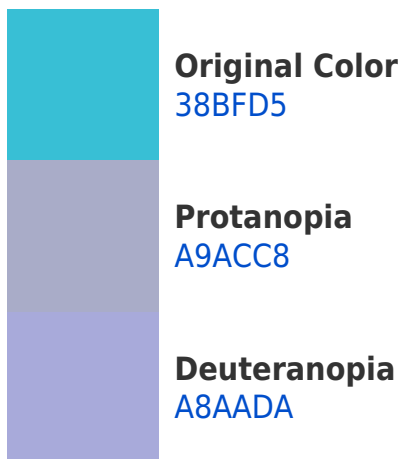


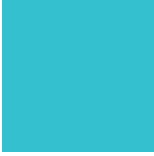
This preview shows how white text looks on a background with the Hex color 38BFD5.

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



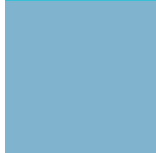


Tritanopia
34C0CF

Trichromacy



Original Color
38BFD5



Protanomaly
80B3CD



Deuteranomaly
7FB2D8

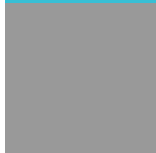


Tritanomaly
35C0D1

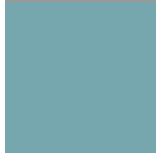
Monochromacy



Original Color
38BFD5



Achromatopsia
999999



Achromatomaly
76A7AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 38BFD5 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 #38BFD5 looks like.

```
.text, #text, p{  
  color:#38BFD5  
}
```

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 #38BFD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38BFD5
}
```

Border

The CSS property to change the border of an element to Hex 38BFD5 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
#38BFD5 }
```

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

```
.border{ border-color:#38BFD5 }
```

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

Here you see how a box with a 4 pixel #38BFD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38BFD5; -webkit-box-shadow:4px 4px  
4px 4px #38BFD5; box-shadow:4px 4px 4px  
4px #38BFD5 }
```

Background

The CSS property to change the background color of an element to Hex 38BFD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38BFD5 }
```

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

```
.background{ background-color:#38BFD5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor