

Converting Colors

Hex(38BDCC)

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

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Color

Hex(38BDCC)

Conversions

Conversions Part 1

Format	Color
Hex	38BDCC
RGB	56, 189, 204
RGB Percent	22%, 74%, 80%
CMY	0.7804, 0.2588, 0.2000
CMYK	0.73, 0.07, 0.00, 0.20
HSL	186°, 59%, 51%
HSV	186°, 73%, 80%
XYZ	30.7276, 41.5956, 63.5360
YIQ	150.9430, -84.0830, -23.5310

Conversions

Conversions Part 2

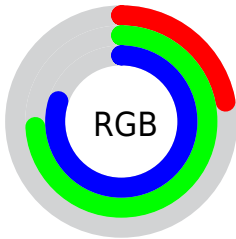
Format	Color
R _{YB}	56, 126, 204
Decimal	3718604
CIE _{Lab}	70.59, -30.08, -17.83
CIE _{LCh}	71, 34.965, 210.666
Yxy	41.5956, 0.2262, 0.3062
Android (android.graphics.Color)	4281908684 (0xFF38BDCC)
YUV	150.9430, 26.1571, -83.2650
Hunter-Lab	64.4946, -27.8218, -13.2625

Details

The Hex color **38BDCC** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CC4738**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7CF6FF**, and **008796** is the 20% darker color. If you saturate the color by 10%, you get **24BBCC**, and if you desaturate by 10%, it is **4CBFCC**.

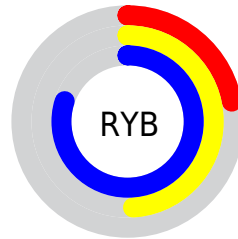
Distribution



Red (22%)

Green (74%)

Blue (80%)



Red (22%)

Yellow (49%)

Blue (80%)

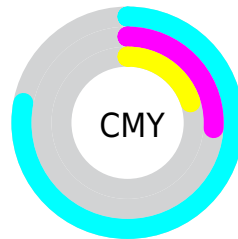


Cyan (73%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (78%)

Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

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

 38BDCC

 38BDCC

FFFFFF

 00A2B1

 7CF6FF

 008796

 9BFFFF

 006E7C

 B9FFFF

 005563

 D8FFFF

 003D4B

 F6FFFF

 002734

 000620

 000004

 000000

■ 38BDCC

■ 38BDCC

■ 24BBCC

■ 4CBFCC

■ 0FB9CC

■ 61C1CC

■ 00B7CC

■ 75C3CC

■ 8AC5CC

■ 9EC7CC

■ B2C9CC

■ C7CBCC

■ DBCECC

■ F0D0CC

Harmonies

Analogous

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



53BEAC



38BDCC



4FB8E3

Triad

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



38BDCC



D69ACC



C1AB6D

Complementary

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



38BDCC



CC4738

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.



DCA076



38BDCC



E994AD

Square

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



38BDCC



B2A4E3



EA978E



A0B475

Rectangle

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



38BDCC



70B3EB



EA978E



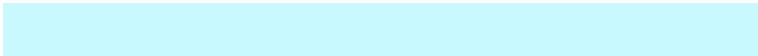
CBA76E

Sweetspot

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



38BDCC



C7F9FF



38CC47



5E7C80



000000



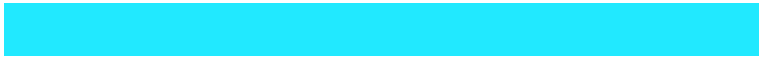
808080

Same Dimension

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



38BDCC



21E9FF



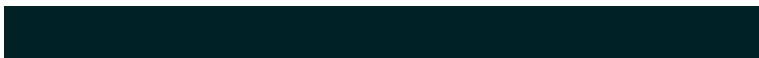
3873CC



5C6566



0095A6



002226

Inverse Universe

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



CC38BD



FF21E9



CC9138



665C65



A60095



260022

Previews

White Background



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

Color Contrast Check

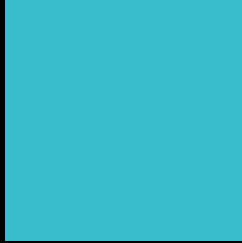
Large Text (above 18pt) WCAG AA × Fail

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 38BDCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

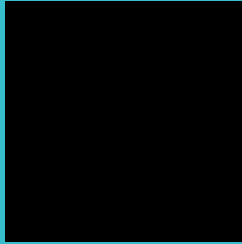
Any Text WCAG AA ✓ Pass

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 38BDCC Background



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

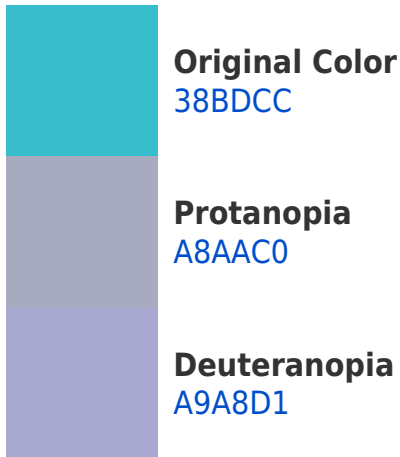


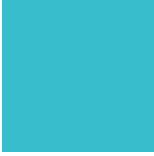
This preview shows how white text looks on a background with the Hex color 38BDCC.

Color Blindness Simulation

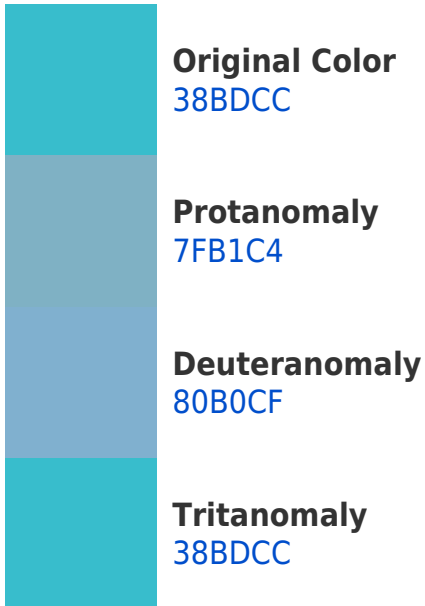
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

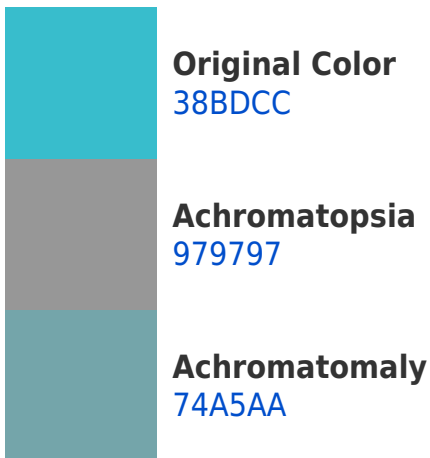




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #38BDCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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