

Converting Colors

Hex(38DDBF)

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

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Color

Hex(38DDBF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38DDBF |
| RGB | 56, 221, 191 |
| RGB Percent | 22%, 87%, 75% |
| CMY | 0.7804, 0.1333, 0.2510 |
| CMYK | 0.75, 0.00, 0.14, 0.13 |
| HSL | 169°, 71%, 54% |
| HSV | 169°, 75%, 87% |
| XYZ | 36.8913, 56.3152, 58.2158 |
| YIQ | 168.2450, -88.7100, -44.3100 |

Conversions

Conversions Part 2

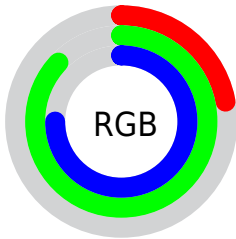
| Format | Color |
|-------------------------------------|---|
| RYB | 56, 147, 221 |
| Decimal | 3726783 |
| CIELab | 79.79, -48.18, 2.83 |
| CIELCh | 80, 48.259, 176.634 |
| Yxy | 56.3152, 0.2436, 0.3719 |
| Android (android.graphics.Color) | 4281916863 (0xFF38DDBF) |
| YUV | 168.2450, 11.2182, -98.4389 |
| Hunter-Lab | 75.0435, -43.5757, 6.5356 |

Details

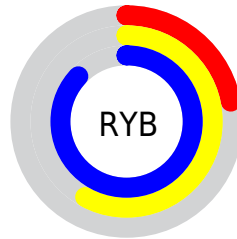
The Hex color **38DDBF** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DD3856**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7FFFF7**, and **00A58A** is the 20% darker color. If you saturate the color by 10%, you get **22DDBB**, and if you desaturate by 10%, it is **4EDDC3**.

Distribution



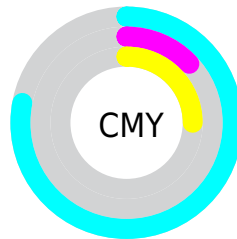
- Red (22%)
- Green (87%)
- Blue (75%)



- Red (22%)
- Yellow (58%)
- Blue (87%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (78%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 38DDBF

 38DDBF

FFFFFF

 00C1A4

 7FFFF7

 00A58A

 9FFFFFF

 008A70

 BEFFFF

 007058

 DDFFFF

 005641

 FCFFFF

 003E2B

 002816

 000000

 38DDBF

 38DDBF

■ 22DDBB

■ 4EDDC3

■ 0CDDDB7

■ 64DDC7

■ 00DDB5

■ 7ADDCB

■ 90DDCF

■ A7DDD3

■ BDDDD7

■ D3DDDB

■ E9DDDF

■ FFDDE3

Harmonies

Analogous

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



83D993



38DDBF



00DDED

Triad

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



38DDBF



C3BCFF



FFB17C

Complementary

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



38DDBF



DD3856

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.



FFA5A0



38DDBF



F9ACF8

Square

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



38DDBF



74CCFF



FFA2CD



E7C16B

Rectangle

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



38DDBF



00DAFF



FFA2CD



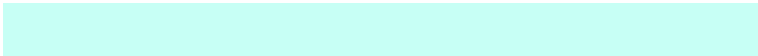
FFAC86

Sweetspot

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



38DDBF



C7FFF5



56DD38



5E8079



000000



808080

Same Dimension

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



38DDBF



19FFD5



38A9DD



636E6C



00AD8E



002E26

Inverse Universe

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



DD3856



FF1943



DD6C38



6E6365



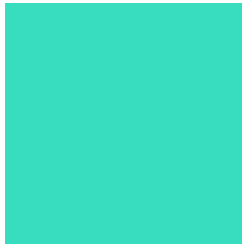
AD0020



2E0008

Previews

White Background



This preview shows how the Hex color 38DDBF 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 38DDBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

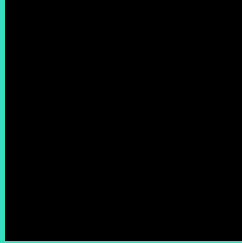
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

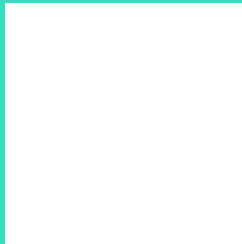
Any Text WCAG AAA ✓ Pass

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

Hex 38DDBF Background



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



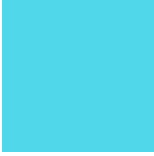
This preview shows how white text looks on a background with the Hex color 38DDBF.

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



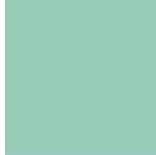


Tritanopia
50D7E9

Trichromacy



Original Color
38DDBF



Protanomaly
96CCB6



Deuteranomaly
9DC9C3



Tritanomaly
47D9DA

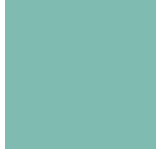
Monochromacy



Original Color
38DDBF



Achromatopsia
A8A8A8



Achromatomaly
7FB8B0

CSS Examples

Text

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

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

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 #38DDBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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