

Converting Colors

Hex(38D2CD)

Have a look what the booklet for
Hex(38D2CD) contains.

Hex(38D2CD)	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(38D2CD)

Conversions

Conversions Part 1

Format	Color
Hex	38D2CD
RGB	56, 210, 205
RGB Percent	22%, 82%, 80%
CMY	0.7804, 0.1765, 0.1961
CMYK	0.73, 0.00, 0.02, 0.18
HSL	178°, 63%, 52%
HSV	178°, 73%, 82%
XYZ	35.6969, 51.3417, 65.7861
YIQ	163.3840, -90.1790, -34.2030

Conversions

Conversions Part 2

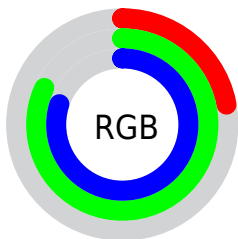
Format	Color
RYB	56, 134, 210
Decimal	3723981
CIELab	76.89, -39.62, -8.93
CIELCh	77, 40.617, 192.702
Yxy	51.3417, 0.2336, 0.3360
Android (android.graphics.Color)	4281914061 (0xFF38D2CD)
YUV	163.3840, 20.5167, -94.1758
Hunter-Lab	71.6531, -36.4659, -4.2781

Details

The Hex color **38D2CD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D2383D**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009B97** is the 20% darker color. If you saturate the color by 10%, you get **23D2CC**, and if you desaturate by 10%, it is **4DD2CE**.

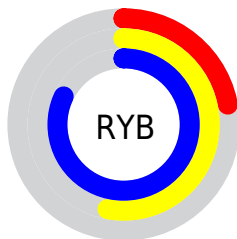
Distribution



Red (22%)

Green (82%)

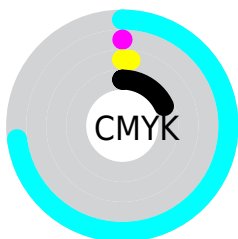
Blue (80%)



Red (22%)

Yellow (53%)

Blue (82%)

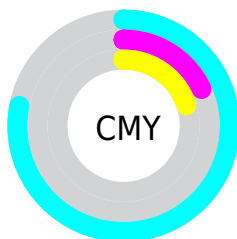


Cyan (73%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (78%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38D2CD 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 38D2CD by changing the saturation by 10% instead.

 38D2CD

 38D2CD

FFFFFF

 00B6B2

 7FFFFFFF

 009B97

 9EFFFF

 00807D

 BDFFFF

 006664

 DCFFFF

 004E4C

 FBFFFF

 003636

 002120

 000009

 000000

■ 38D2CD

■ 38D2CD

■ 23D2CC

■ 4DD2CE

■ 0ED2CC

■ 62D2CE

■ 00D2CB

■ 77D2CF

■ 8CD2D0

■ A1D2D0

■ B6D2D1

■ CBD2D2

■ E0D2D2

■ F5D2D3

Harmonies

Analogous

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



6ED0A6



38D2CD



21CFF0

Triad

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



38D2CD



D7AEF5



E9B476

Complementary

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



38D2CD



D2383D

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.



FFA88D



38D2CD



F9A3D5

Square

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



38D2CD



A2BCFF



FFA1AF



C7C173

Rectangle

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



38D2CD



4ACBFF



FFA1AF



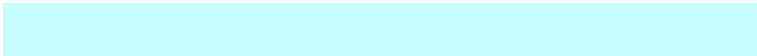
F3B07C

Sweetspot

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



38D2CD



C7FFFD



3DD238



5E807E



000000



808080

Same Dimension

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



38D2CD



1FFFF8



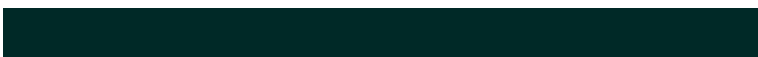
388AD2



5E6968



00A8A3



002927

Inverse Universe

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



D2383D



FF1F26



D28038



695E5E



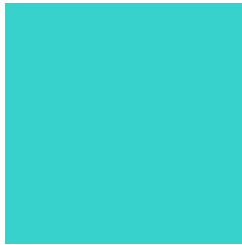
A80005



290001

Previews

White Background



This preview shows how the Hex color 38D2CD looks on a white background.

Color Contrast Check

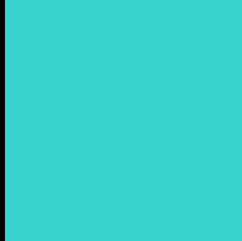
Large Text (above 18pt) WCAG AA × Fail

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 38D2CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

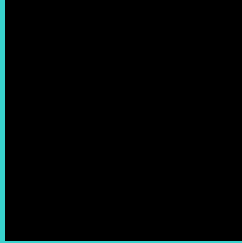
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

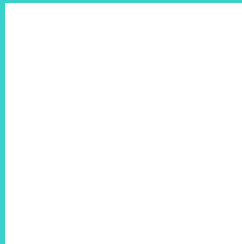
Any Text WCAG AAA ✓ Pass

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

Hex 38D2CD Background



This preview shows how black text looks on a background with the Hex color 38D2CD.



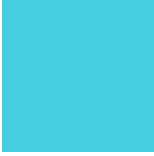
This preview shows how white text looks on a background with the Hex color 38D2CD.

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
44CFE0

Trichromacy



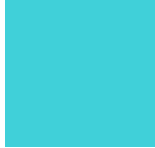
Original Color
38D2CD



Protanomaly
8EC3C4



Deuteranomaly
91C1D1



Tritanomaly
40D0D9

Monochromacy



Original Color
38D2CD



Achromatopsia
A3A3A3



Achromatomaly
7CB4B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 38D2CD 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 #38D2CD looks like.

```
.text, #text, p{  
    color:#38D2CD  
}
```

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 #38D2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D2CD
}
```

Border

The CSS property to change the border of an element to Hex 38D2CD 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
#38D2CD }
```

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

```
.border{ border-color:#38D2CD }
```

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

Here you see how a box with a 4 pixel #38D2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D2CD; -webkit-box-shadow:4px 4px  
4px 4px #38D2CD; box-shadow:4px 4px 4px  
4px #38D2CD }
```

Background

The CSS property to change the background color of an element to Hex 38D2CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D2CD }
```

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

```
.background{ background-color:#38D2CD }
```

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