

Converting Colors

Hex(38DACD)

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

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Color

Hex(38DACD)

Conversions

Conversions Part 1

Format	Color
Hex	38DACD
RGB	56, 218, 205
RGB Percent	22%, 85%, 80%
CMY	0.7804, 0.1451, 0.1961
CMYK	0.74, 0.00, 0.06, 0.15
HSL	175°, 69%, 54%
HSV	175°, 74%, 85%
XYZ	37.7217, 55.3913, 66.4611
YIQ	168.0800, -92.3790, -38.3870

Conversions

Conversions Part 2

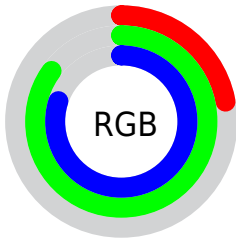
Format	Color
RYB	56, 140, 218
Decimal	3726029
CIELab	79.27, -43.19, -5.40
CIELCh	79, 43.525, 187.130
Yxy	55.3913, 0.2364, 0.3471
Android (android.graphics.Color)	4281916109 (0xFF38DACD)
YUV	168.0800, 18.2016, -98.2942
Hunter-Lab	74.4254, -39.7735, -0.8476

Details

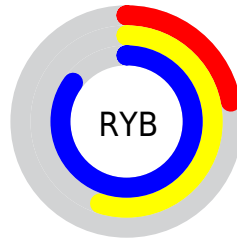
The Hex color **38DACD** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA3845**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **80FFFF**, and **00A297** is the 20% darker color. If you saturate the color by 10%, you get **22DACB**, and if you desaturate by 10%, it is **4EDACF**.

Distribution



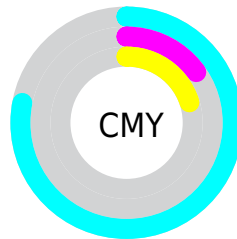
- Red (22%)
- Green (85%)
- Blue (80%)



- Red (22%)
- Yellow (55%)
- Blue (85%)



- Cyan (74%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (78%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 38DACD

 38DACD

FFFFFF

 00BEB2

 80FFFF

 00A297

 9FFFFFFF

 00877D

 BEFFFF

 006D64

 DDFFFF

 00544C

 FFFFFFFF

 003C36

 002720

 00000A

 000000

 38DACD

 38DACD

 22DACB

 4EDACF

 0CDACA

 64DAD0

 00DAC9

 79DAD2

 8FDAD4

 A5DAD6

 BBDAD7

 D1DAD9

 E6DADB

 FCDADD

Harmonies

Analogous

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



77D7A3



38DACD



00D8F4

Triad

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



38DACD



D6B6FF



F9B77A

Complementary

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



38DACD



DA3845

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.



FFAA95



38DACD



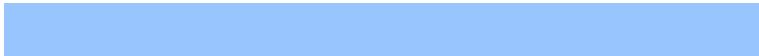
FFA9E5

Square

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



38DACD



99C5FF



FFA4BC



D5C573

Rectangle

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



38DACD



2ED4FF



FFA4BC



FFB281

Sweetspot

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



38DACD



C7FFFA



46DA38



5E807D



000000



808080

Same Dimension

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



38DACD



1CFFED



3897DA



636E6D



00AD9F



002E2A

Inverse Universe

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



DA3845



FF1C2E



DA7B38



6E6364



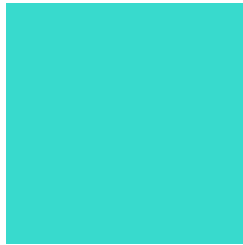
AD000E



2E0004

Previews

White Background



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

Color Contrast Check

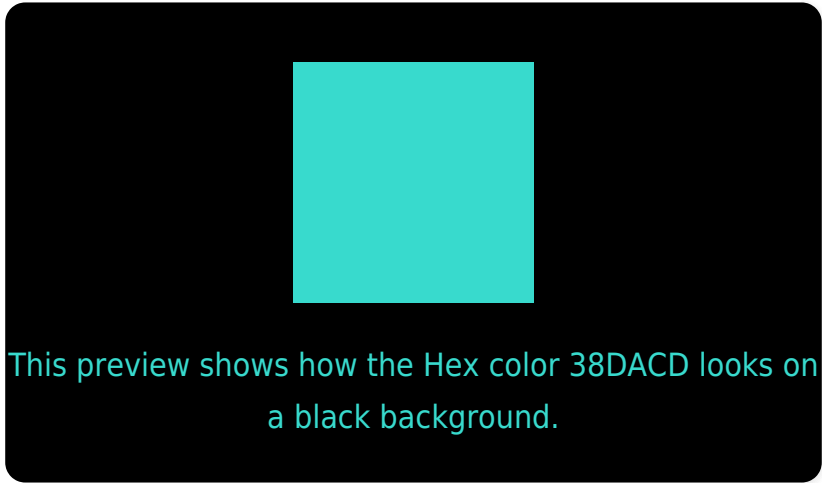
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

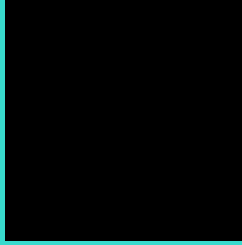
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

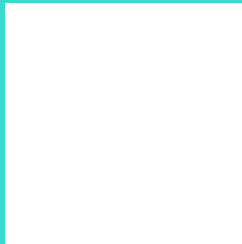
Any Text WCAG AAA ✓ Pass

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

Hex 38DACD Background



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

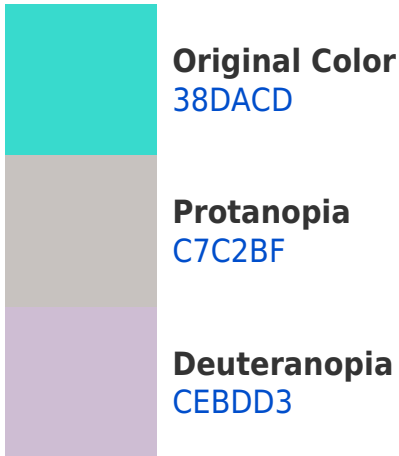


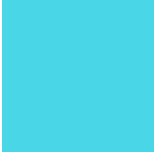
This preview shows how white text looks on a background with the Hex color 38DACD.

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](#).

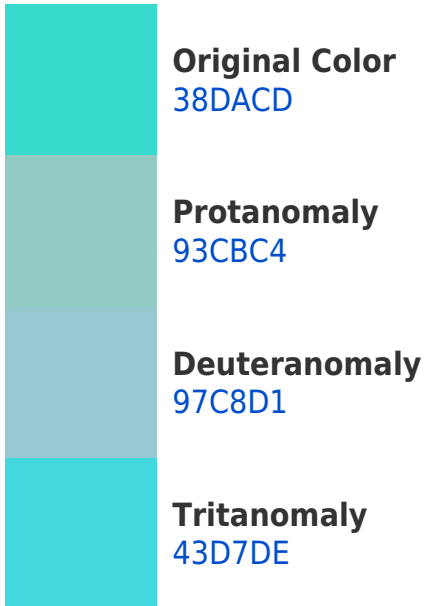
Dichromacy



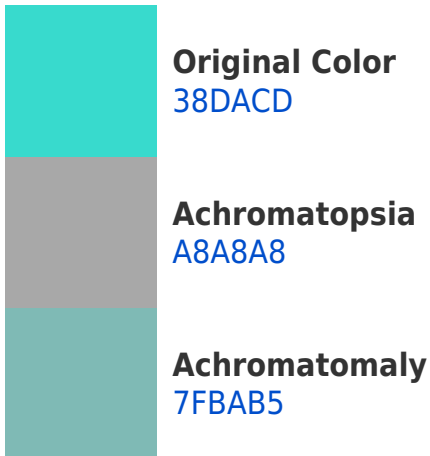


Tritanopia
49D6E7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #38DACD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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