

Converting Colors

Hex(3DC5D2)

Have a look what the booklet for
Hex(3DC5D2) contains.

Hex(3DC5D2)	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(3DC5D2)

Conversions

Conversions Part 1

Format	Color
Hex	3DC5D2
RGB	61, 197, 210
RGB Percent	24%, 77%, 82%
CMY	0.7608, 0.2275, 0.1765
CMYK	0.71, 0.06, 0.00, 0.18
HSL	185°, 62%, 53%
HSV	185°, 71%, 82%
XYZ	33.5236, 45.5777, 68.0033
YIQ	157.8180, -85.2290, -24.7890

Conversions

Conversions Part 2

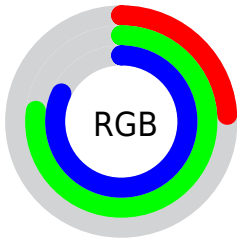
Format	Color
RYB	61, 132, 210
Decimal	4048338
CIELab	73.27, -31.52, -17.04
CIElCh	73, 35.829, 208.401
Yxy	45.5777, 0.2279, 0.3098
Android (android.graphics.Color)	4282238418 (0xFF3DC5D2)
YUV	157.8180, 25.7257, -84.9094
Hunter-Lab	67.5113, -29.5084, -12.4642

Details

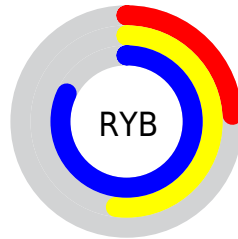
The Hex color **3DC5D2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D24A3D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **81FEFF**, and **008F9C** is the 20% darker color. If you saturate the color by 10%, you get **28C3D2**, and if you desaturate by 10%, it is **52C7D2**.

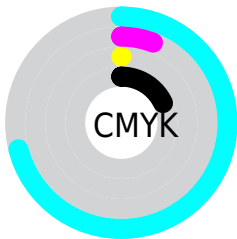
Distribution



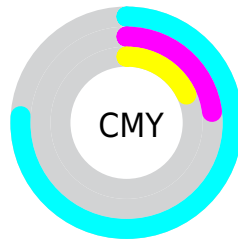
- Red (24%)
- Green (77%)
- Blue (82%)



- Red (24%)
- Yellow (52%)
- Blue (82%)



- Cyan (71%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (76%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC5D2 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 3DC5D2 by changing the saturation by 10% instead.

 3DC5D2

 3DC5D2

FFFFFF

 00A9B6

 81FEFF

 008F9C

 9FFFFFFF

 007582

 BEFFFF

 005C68

 DDFFFF

 004350

 FBFFFF

 002D39

 001524

 00010D

 000000

■ 3DC5D2

■ 3DC5D2

■ 28C3D2

■ 52C7D2

■ 13C1D2

■ 67C9D2

■ 00C0D2

■ 7CCAD2

■ 91CCD2

■ A6CED2

■ BBD0D2

■ D0D2D2

■ E5D4D2

■ FAD5D2

Harmonies

Analogous

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



5BC6B1



3DC5D2



51C0EB

Triad

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



3DC5D2



DCA1D7



CCB172

Complementary

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



3DC5D2



D24A3D

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.



E6A67D



3DC5D2



F19BB7

Square

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



3DC5D2



B6ACEE



F49D96



AABB79

Rectangle

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



3DC5D2



72BBF4



F49D96



D6AE74

Sweetspot

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



3DC5D2



C9FAFF



3DD249



607D80



000000



808080

Same Dimension

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



3DC5D2



26ECFF



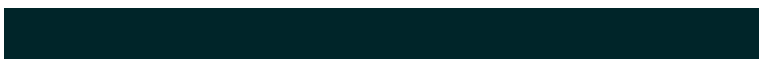
3D7BD2



5E6869



009AA8



002529

Inverse Universe

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



D23DC5



FF26EC



D2943D



695E68



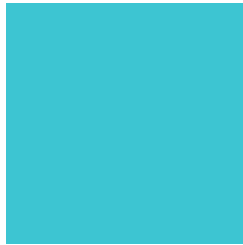
A8009A



290025

Previews

White Background



This preview shows how the Hex color 3DC5D2 looks on a white background.

Color Contrast Check

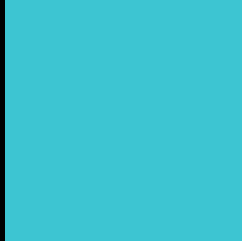
Large Text (above 18pt) WCAG AA × Fail

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 3DC5D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

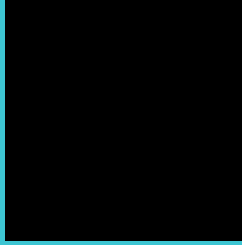
Any Text WCAG AA ✓ Pass

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 3DC5D2 Background



This preview shows how black text looks on a background with the Hex color 3DC5D2.

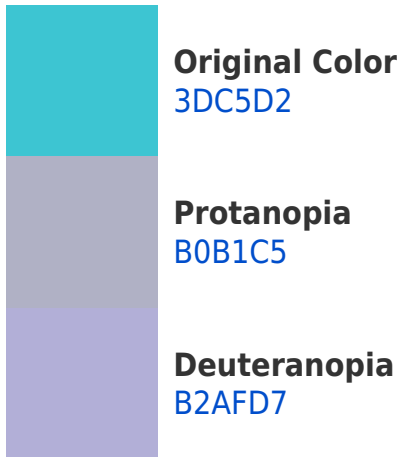


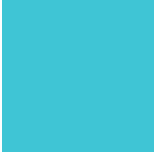
This preview shows how white text looks on a background with the Hex color 3DC5D2.

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
3FC5D5

Trichromacy



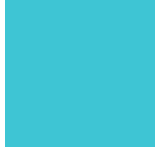
Original Color
3DC5D2



Protanomaly
86B8CA



Deuteranomaly
87B7D5



Tritanomaly
3EC5D4

Monochromacy



Original Color
3DC5D2



Achromatopsia
9E9E9E



Achromatomaly
7BACB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC5D2 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 #3DC5D2 looks like.

```
.text, #text, p{  
    color:#3DC5D2  
}
```

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 #3DC5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC5D2
}
```

Border

The CSS property to change the border of an element to Hex 3DC5D2 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
#3DC5D2 }
```

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

```
.border{ border-color:#3DC5D2 }
```

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

Here you see how a box with a 4 pixel #3DC5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC5D2; -webkit-box-shadow:4px 4px  
4px 4px #3DC5D2; box-shadow:4px 4px 4px  
4px #3DC5D2 }
```

Background

The CSS property to change the background color of an element to Hex 3DC5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC5D2 }
```

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

```
.background{ background-color:#3DC5D2 }
```

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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