

Converting Colors

Hex(5DD5D2)

Have a look what the booklet for
Hex(5DD5D2) contains.

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Color

Hex(5DD5D2)

Conversions

Conversions Part 1

Format	Color
Hex	5DD5D2
RGB	93, 213, 210
RGB Percent	36%, 84%, 82%
CMY	0.6353, 0.1647, 0.1765
CMYK	0.56, 0.00, 0.01, 0.16
HSL	178°, 59%, 60%
HSV	178°, 56%, 84%
XYZ	39.9413, 54.5688, 69.4005
YIQ	176.7780, -70.5570, -26.3730

Conversions

Conversions Part 2

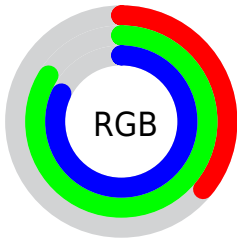
Format	Color
RYB	93, 154, 213
Decimal	6149586
CIELab	78.79, -34.08, -8.68
CIELCh	79, 35.166, 194.298
Yxy	54.5688, 0.2437, 0.3329
Android (android.graphics.Color)	4284339666 (0xFF5DD5D2)
YUV	176.7780, 16.3784, -73.4733
Hunter-Lab	73.8707, -32.7602, -3.9926

Details

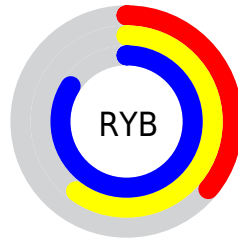
The Hex color **5DD5D2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D55D60**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9AFFFF**, and **059E9C** is the 20% darker color. If you saturate the color by 10%, you get **48D5D1**, and if you desaturate by 10%, it is **72D5D3**.

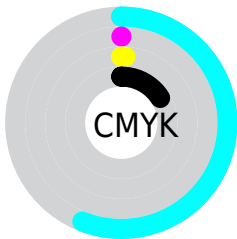
Distribution



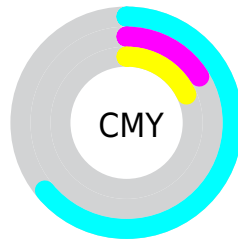
- Red (36%)
- Green (84%)
- Blue (82%)



- Red (36%)
- Yellow (60%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD5D2 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 5DD5D2 by changing the saturation by 10% instead.

 5DD5D2

 5DD5D2

FFFFFF

 3BB9B6

 9AFFFF

 059E9C

 B7FFFF

 008382

 D5FFFF


 006A69

 F4FFFF

 005150

 00393A

 002524

 00010F

 000000

5DD5D2

5DD5D2

48D5D1

72D5D3

32D5D1

88D5D3

1DD5D0

9DD5D4

08D5D0

B2D5D4

00D5D0

C8D5D5

DDD5D5

F2D5D6

FFD5D6

FFD5D7

Harmonies

Analogous

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



7ED4B0



5DD5D2



59D2F0

Triad

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



5DD5D2



DBB5F2



E9BB85

Complementary

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



5DD5D2



D55D60

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.



FEB197



5DD5D2



F9ACD6

Square

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



5DD5D2



AFC1FF



FFABB4



CAC683

Rectangle

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



5DD5D2



6ECEFD



FFABB4



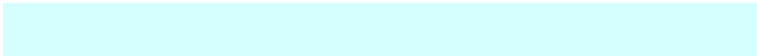
F1B789

Sweetspot

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



5DD5D2



D4FFFE



61D55D



66807F



000000



808080

Same Dimension

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



5DD5D2



52FFFB



5D9DD5



606B6B



00ABA7



002B2A

Inverse Universe

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



D55D60



FF5256



D5955D



6B6061



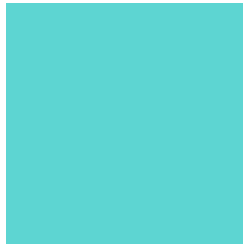
AB0004



2B0001

Previews

White Background



This preview shows how the Hex color 5DD5D2 looks on a white background.

Color Contrast Check

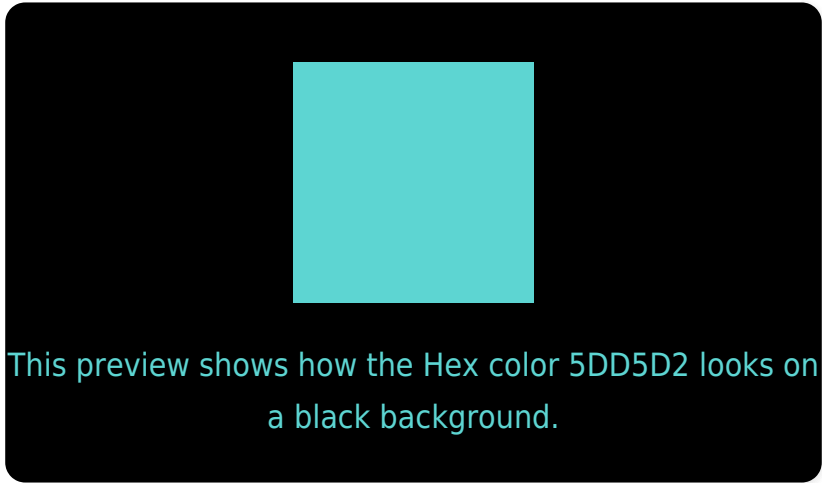
Large Text (above 18pt) WCAG AA × Fail

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

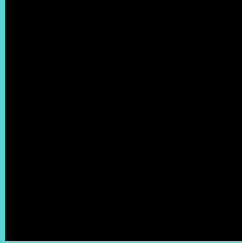
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

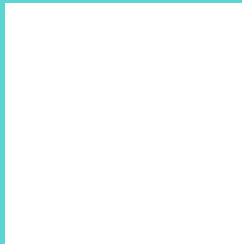
Any Text WCAG AAA ✓ Pass

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

Hex 5DD5D2 Background



This preview shows how black text looks on a background with the Hex color 5DD5D2.

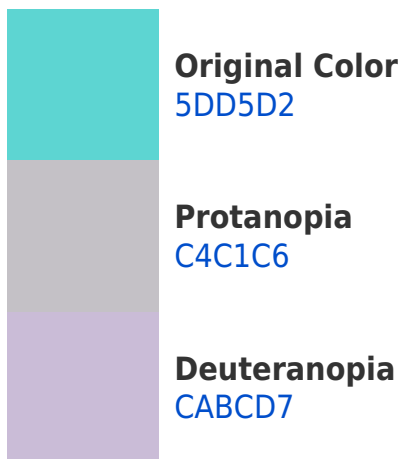


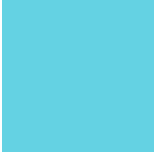
This preview shows how white text looks on a background with the Hex color 5DD5D2.

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
64D2E3

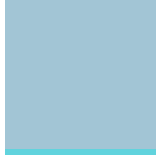
Trichromacy



Original Color
5DD5D2



Protanomaly
9FC8CA



Deuteranomaly
A2C5D5

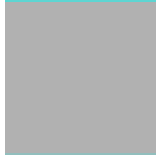


Tritanomaly
61D3DD

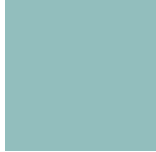
Monochromacy



Original Color
5DD5D2



Achromatopsia
B1B1B1



Achromatomaly
92BEBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD5D2 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 #5DD5D2 looks like.

```
.text, #text, p{  
    color:#5DD5D2  
}
```

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 #5DD5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD5D2
}
```

Border

The CSS property to change the border of an element to Hex 5DD5D2 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
#5DD5D2 }
```

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

```
.border{ border-color:#5DD5D2 }
```

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

Here you see how a box with a 4 pixel #5DD5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD5D2; -webkit-box-shadow:4px 4px  
4px 4px #5DD5D2; box-shadow:4px 4px 4px  
4px #5DD5D2 }
```

Background

The CSS property to change the background color of an element to Hex 5DD5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD5D2 }
```

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

```
.background{ background-color:#5DD5D2 }
```

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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