

Converting Colors

Hex(5DDDD3)

Have a look what the booklet for
Hex(5DDDD3) contains.

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Color

Hex(5DDDD3)

Conversions

Conversions Part 1

Format	Color
Hex	5DDDD3
RGB	93, 221, 211
RGB Percent	36%, 87%, 83%
CMY	0.6353, 0.1333, 0.1725
CMYK	0.58, 0.00, 0.05, 0.13
HSL	175°, 65%, 62%
HSV	175°, 58%, 87%
XYZ	42.1285, 58.7432, 70.7462
YIQ	181.5880, -73.0780, -30.2460

Conversions

Conversions Part 2

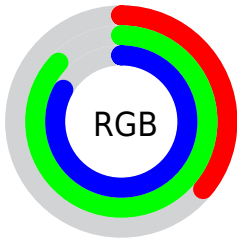
Format	Color
RYB	93, 160, 221
Decimal	6151635
CIELab	81.15, -37.52, -5.72
CIELCh	81, 37.959, 188.674
Yxy	58.7432, 0.2455, 0.3423
Android (android.graphics.Color)	4284341715 (0xFF5DDDD3)
YUV	181.5880, 14.5001, -77.6917
Hunter-Lab	76.6441, -36.0122, -1.0766

Details

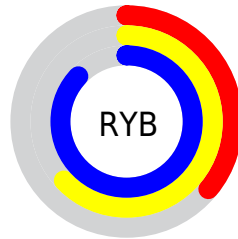
The Hex color **5DDDD3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD5D67**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9AFFFF**, and **00A59D** is the 20% darker color. If you saturate the color by 10%, you get **47DDD1**, and if you desaturate by 10%, it is **73DDD5**.

Distribution



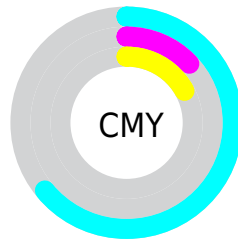
- Red (36%)
- Green (87%)
- Blue (83%)



- Red (36%)
- Yellow (63%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DDDD3 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 5DDDD3 by changing the saturation by 10% instead.

 5DDDD3

 5DDDD3

FFFFFF

 3BC1B7

 9AFFFF

 00A59D

 B8FFFF

 008B83

 D7FFFF

 007169

 F5FFFF

 005751

 003F3A

 002925

 000911

 000000

 5DDDD3

 5DDDD3

 47DDD1

 73DDD5

 31DDD0

 89DDD6

 1BDDCE

 9FDDD8

 05DDCC

 B5DDDA

 00DDCC

 CCDDDC

 E2DDDD

 F8DDDF

 FFDDE1

 FFDDE3

Harmonies

Analogous

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



86DBAF



5DDDD3



4DDBF5

Triad

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



5DDDD3



DBBDFE



F8BF88

Complementary

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



5DDDD3



DD5D67

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.



FFB49F



5DDDD3



FFB2E4

Square

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



5DDDD3



A9C9FF



FFAFC0



D8CB83

Rectangle

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



5DDDD3



61D7FF



FFAFC0



FFBB8E

Sweetspot

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



5DDDD3



D4FFFC



68DD5D



66807E



000000



808080

Same Dimension

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



5DDDD3



4DFFF1



5DA8DD



636E6D



00ADA0



002E2A

Inverse Universe

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



DD5D67



FF4D5A



DD925D



6E6364



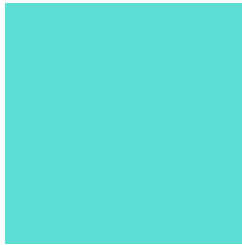
AD000E



2E0004

Previews

White Background



This preview shows how the Hex color 5DDDD3 looks on a white background.

Color Contrast Check

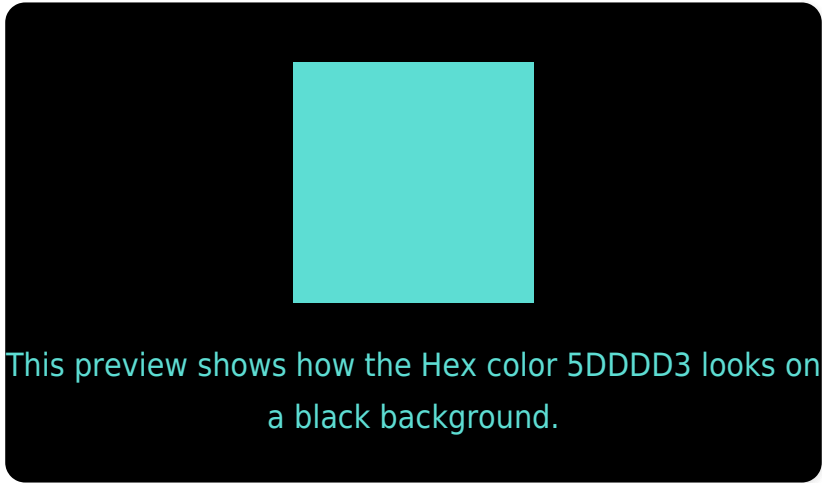
Large Text (above 18pt) WCAG AA × Fail

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

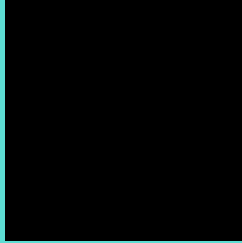
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

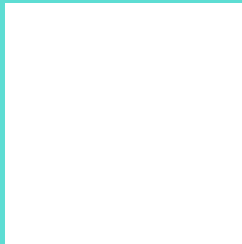
Any Text WCAG AAA ✓ Pass

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

Hex 5DDDD3 Background



This preview shows how black text looks on a background with the Hex color 5DDDD3.

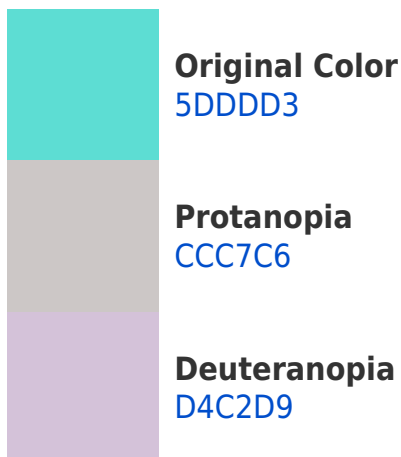


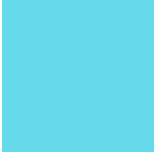
This preview shows how white text looks on a background with the Hex color 5DDDD3.

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



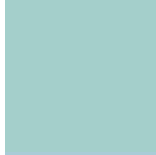


Tritanopia
66D9EB

Trichromacy



Original Color
5DDDD3



Protanomaly
A4CFCB



Deuteranomaly
A9CCD7

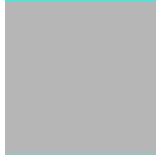


Tritanomaly
63DAE2

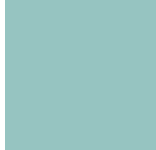
Monochromacy



Original Color
5DDDD3



Achromatopsia
B6B6B6



Achromatomaly
96C4C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DDDD3 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 #5DDDD3 looks like.

```
.text, #text, p{  
    color:#5DDDD3  
}
```

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 #5DDDD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDDD3 } }
```

Border

The CSS property to change the border of an element to Hex 5DDDD3 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 #5DDDD3 } }
```

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

```
.border{ border-color:#5DDDD3 }
```

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

Here you see how a box with a 4 pixel #5DDDD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDDD3; -webkit-box-shadow:4px 4px  
4px 4px #5DDDD3; box-shadow:4px 4px 4px  
4px #5DDDD3 }
```

Background

The CSS property to change the background color of an element to Hex 5DDDD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDDD3 }
```

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

```
.background{ background-color:#5DDDD3 }
```

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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