

Converting Colors

Hex(56DFDD)

Have a look what the booklet for
Hex(56DFDD) contains.

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Color

Hex(56DFDD)

Conversions

Conversions Part 1

Format	Color
Hex	56DFDD
RGB	86, 223, 221
RGB Percent	34%, 87%, 87%
CMY	0.6627, 0.1255, 0.1333
CMYK	0.61, 0.00, 0.01, 0.13
HSL	179°, 68%, 61%
HSV	179°, 61%, 87%
XYZ	43.2766, 59.9742, 77.7019
YIQ	181.8090, -81.0100, -29.6660

Conversions

Conversions Part 2

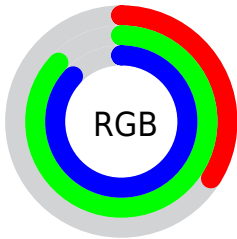
Format	Color
RYB	86, 155, 223
Decimal	5693405
CIELab	81.82, -37.00, -10.06
CIELCh	82, 38.342, 195.216
Yxy	59.9742, 0.2392, 0.3314
Android (android.graphics.Color)	4283883485 (0xFF56DFDD)
YUV	181.8090, 19.3212, -84.0245
Hunter-Lab	77.4430, -35.7763, -5.2780

Details

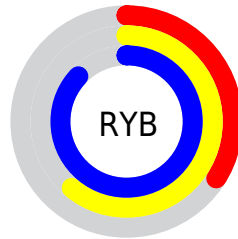
The Hex color **56DFDD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5658**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **96FFFF**, and **00A7A6** is the 20% darker color. If you saturate the color by 10%, you get **40DFDD**, and if you desaturate by 10%, it is **6CDFDD**.

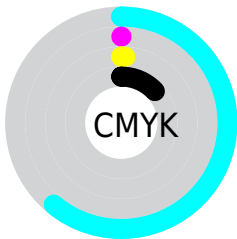
Distribution



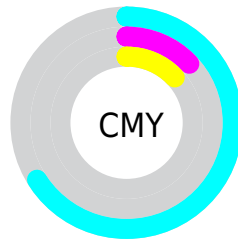
- Red (34%)
- Green (87%)
- Blue (87%)



- Red (34%)
- Yellow (61%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56DFDD 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 56DFDD by changing the saturation by 10% instead.

 56DFDD

 56DFDD

FFFFFF

 2FC3C1

 96FFFF

 00A7A6

 B4FFFF

 008C8C

 D3FFFF

 007272

 F2FFFF

 00595A

 004142

 002B2C

 000D18

 000000

 56DFDD

 56DFDD

 40DFDD

 6CDFDD

 29DFDC

 83DFDE

 13DFDC

 99DFDE

 00DFDC

 AFDFDE

 C6DFDF

 DCDFDF

 F2DFDF

 FDFE0

Harmonies

Analogous

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



7EDEB8



56DFDD



51DCFD

Triad

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



56DFDD



E7BCFE



F4C386

Complementary

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



56DFDD



DF5658

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.



FFB79A



56DFDD



FFB2DF

Square

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



56DFDD



B6C9FF



FFB0BA



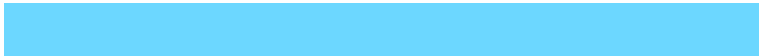
D2CF85

Rectangle

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



56DFDD



6CD7FF



FFB0BA



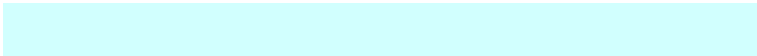
FDBF8B

Sweetspot

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



56DFDD



D1FFFE



58DF56



63807F



000000



808080

Same Dimension

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



56DFDD



42FFFC



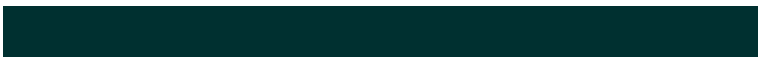
569DDF



657070



00B0AD



003030

Inverse Universe

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



DF5658



FF4245



DF9856



706565



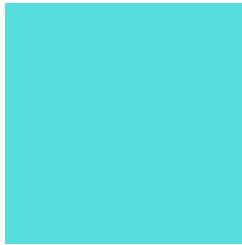
B00003



300001

Previews

White Background



This preview shows how the Hex color 56DFDD looks on a white background.

Color Contrast Check

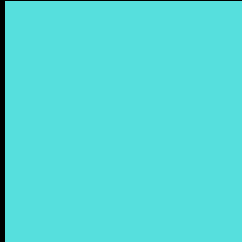
Large Text (above 18pt) WCAG AA × Fail

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 56DFDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

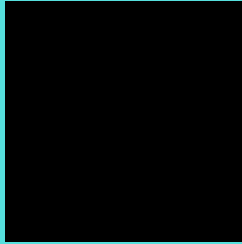
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

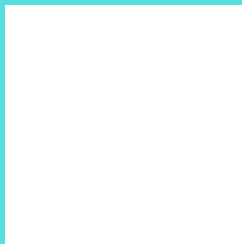
Any Text WCAG AAA ✓ Pass

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

Hex 56DFDD Background



This preview shows how black text looks on a background with the Hex color 56DFDD.

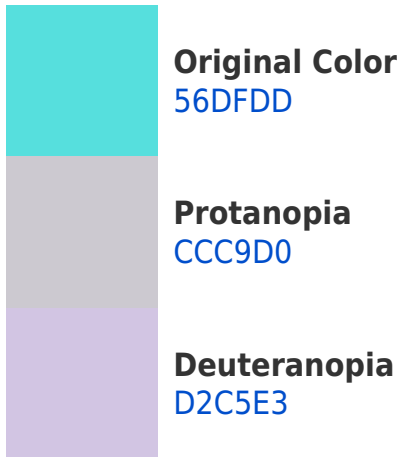


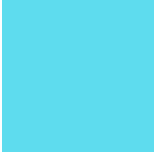
This preview shows how white text looks on a background with the Hex color 56DFDD.

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





Trichromacy



Original Color
56DFDD



Protanomaly
A1D1D5



Deuteranomaly
A5CEE1

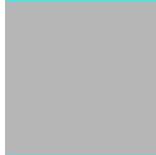


Tritanomaly
5BDDE8

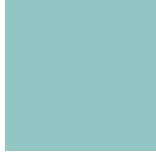
Monochromacy



Original Color
56DFDD



Achromatopsia
B6B6B6



Achromatomaly
93C5C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 56DFDD 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 #56DFDD looks like.

```
.text, #text, p{  
    color:#56DFDD  
}
```

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 #56DFDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56DFDD
}
```

Border

The CSS property to change the border of an element to Hex 56DFDD 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
#56DFDD }
```

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

```
.border{ border-color:#56DFDD }
```

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

Here you see how a box with a 4 pixel #56DFDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56DFDD; -webkit-box-shadow:4px 4px  
4px 4px #56DFDD; box-shadow:4px 4px 4px  
4px #56DFDD }
```

Background

The CSS property to change the background color of an element to Hex 56DFDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56DFDD }
```

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

```
.background{ background-color:#56DFDD }
```

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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