

Converting Colors

Hex(53DAC6)

Have a look what the booklet for
Hex(53DACC) contains.

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Color

Hex(53DAC6)

Conversions

Conversions Part 1

Format	Color
Hex	53DACC
RGB	83, 218, 204
RGB Percent	33%, 85%, 80%
CMY	0.6745, 0.1451, 0.2000
CMYK	0.62, 0.00, 0.06, 0.15
HSL	174°, 65%, 59%
HSV	174°, 62%, 85%
XYZ	39.5378, 56.3414, 65.9179
YIQ	176.0390, -75.9660, -32.9740

Conversions

Conversions Part 2

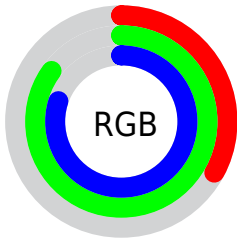
Format	Color
RYB	83, 154, 218
Decimal	5495500
CIELab	79.81, -39.72, -4.01
CIELCh	80, 39.920, 185.758
Yxy	56.3414, 0.2444, 0.3482
Android (android.graphics.Color)	4283685580 (0xFF53DACC)
YUV	176.0390, 13.7848, -81.5952
Hunter-Lab	75.0609, -37.3331, 0.4747

Details

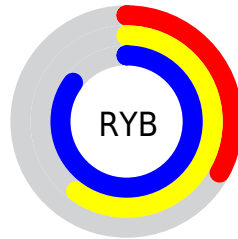
The Hex color **53DACC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5361**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **92FFFF**, and **00A296** is the 20% darker color. If you saturate the color by 10%, you get **3DDACA**, and if you desaturate by 10%, it is **69DACE**.

Distribution



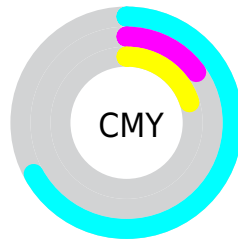
- Red (33%)
- Green (85%)
- Blue (80%)



- Red (33%)
- Yellow (60%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (67%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53DACC 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 53DACC by changing the saturation by 10% instead.

 53DACC

 53DACC

FFFFFF

 2DBEB1

 92FFFF

 00A296

 B0FFFF

 00887C

 CEFFFF

 006E63

 EDFFFF

 00554B

 003C35

 002720

 000009

 000000

 53DACC

 53DACC

 3DDACA

 69DACE

 27DAC7

 7FDAD1

 12DAC5

 94DAD3

 00DAC3

 AADAD5

 C0DAD7

 D6DADA

 ECDADC

 FFDAD E

 FFDAD E0

Harmonies

Analogous

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



83D7A6



53DACC



36D8F0

Triad

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



53DACC



D4BAFF



F8B983

Complementary

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



53DACC



DA5361

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.



FFAE9C



53DACC



FBAEE5

Square

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



53DACC



9DC7FF



FFA9C0



D8C67B

Rectangle

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



53DACC



4CD5FF



FFA9C0



FFB58A

Sweetspot

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



53DACC



CFFFA



63DA53



62807C



000000



808080

Same Dimension

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



53DACC



42FFEB



53A6DA



636E6D



00AD9B



002E29

Inverse Universe

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



DA5361



FF4256



DA8753



6E6364



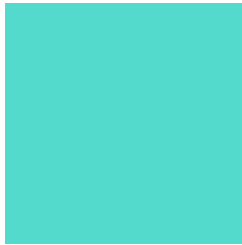
AD0012



2E0005

Previews

White Background



This preview shows how the Hex color 53DACC looks on a white background.

Color Contrast Check

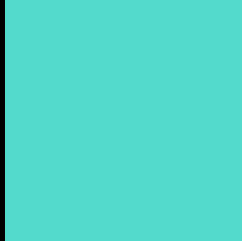
Large Text (above 18pt) WCAG AA × Fail

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 53DACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

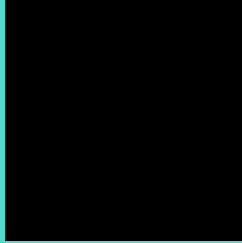
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

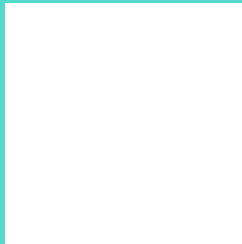
Any Text WCAG AAA ✓ Pass

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

Hex 53DACC Background



This preview shows how black text looks on a background with the Hex color 53DACC.

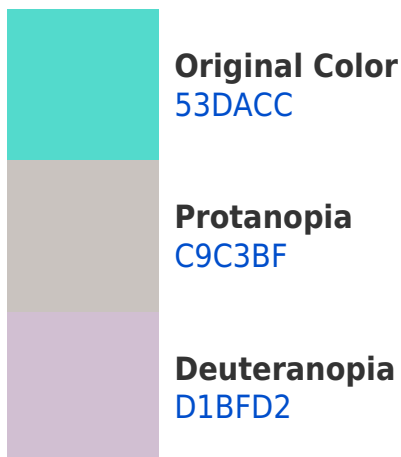


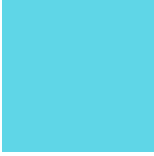
This preview shows how white text looks on a background with the Hex color 53DACC.

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
5FD6E7

Trichromacy



Original Color
53DACC



Protanomaly
9ECBC4



Deuteranomaly
A3C9D0

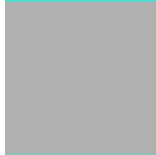


Tritanomaly
5BD7DD

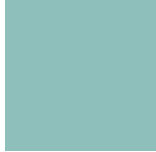
Monochromacy



Original Color
53DACC



Achromatopsia
B0B0B0



Achromatomaly
8EBFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 53DACC 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 #53DACC looks like.

```
.text, #text, p{  
    color:#53DACC  
}
```

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 #53DACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53DACC
}
```

Border

The CSS property to change the border of an element to Hex 53DACC 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
#53DACC }
```

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

```
.border{ border-color:#53DACC }
```

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

Here you see how a box with a 4 pixel #53DACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53DACC; -webkit-box-shadow:4px 4px  
4px 4px #53DACC; box-shadow:4px 4px 4px  
4px #53DACC }
```

Background

The CSS property to change the background color of an element to Hex 53DACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53DACC }
```

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

```
.background{ background-color:#53DACC }
```

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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