

Converting Colors

Hex(53DCCE)

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

Hex(53DCCE)	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(53DCCE)

Conversions

Conversions Part 1

Format	Color
Hex	53DCCE
RGB	83, 220, 206
RGB Percent	33%, 86%, 81%
CMY	0.6745, 0.1373, 0.1922
CMYK	0.62, 0.00, 0.06, 0.14
HSL	174°, 66%, 59%
HSV	174°, 62%, 86%
XYZ	40.3011, 57.4816, 67.3635
YIQ	177.4410, -77.1580, -33.3980

Conversions

Conversions Part 2

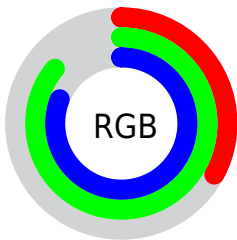
Format	Color
R_{YB}	83, 155, 220
Decimal	5496014
CIE _{Lab}	80.45, -40.10, -4.13
CIE _{LCh}	80, 40.311, 185.875
Yxy	57.4816, 0.2440, 0.3481
Android (android.graphics.Color)	4283686094 (0xFF53DCCE)
YUV	177.4410, 14.0796, -82.8248
Hunter-Lab	75.8166, -37.7957, 0.3922

Details

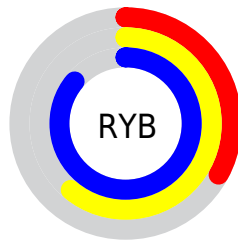
The Hex color **53DCCE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC5361**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **92FFFF**, and **00A498** is the 20% darker color. If you saturate the color by 10%, you get **3DDCCC**, and if you desaturate by 10%, it is **69DCD0**.

Distribution



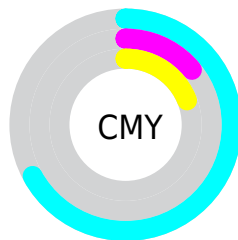
- Red (33%)
- Green (86%)
- Blue (81%)



- Red (33%)
- Yellow (61%)
- Blue (86%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (67%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 53DCCE

 53DCCE

FFFFFF

 2DC0B3


 92FFFF

 00A498

 B1FFFF

 00897E

 CFFFFFF

 006F65

 EDFFFF

 00564D

 003E37

 002921

 00040C

 000000

 53DCCE

 53DCCE

 3DDCCC

 69DCD0

 27DCCA

 7FDCD2

 11DCC7

 95DCD5

 00DCC6

 ABDCD7

 C1DCD9

 D7DCDB

 EDDCDE

 FFDCE0

 FFDCE2

Harmonies

Analogous

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



84D9A8



53DCCE



36DAF2

Triad

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



53DCCE



D6BBFF



FABB84

Complementary

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



53DCCE



DC5361

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.



FFAF9D



53DCCE



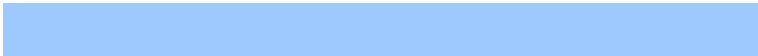
FDAFE7

Square

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



53DCCE



9EC9FF



FFAAC1



DAC87C

Rectangle

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



53DCCE



4CD6FF



FFAAC1



FFB78B

Sweetspot

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



53DCCE



CFFFA



63DC53



62807D



000000



808080

Same Dimension

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



53DCCE



40FFEB



53A7DC



636E6D



00AD9C



002E29

Inverse Universe

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



DC5361



FF4053



DC8853



6E6364



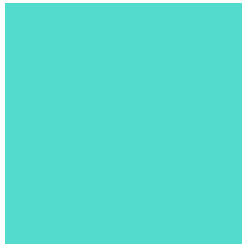
AD0012



2E0005

Previews

White Background



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

Color Contrast Check

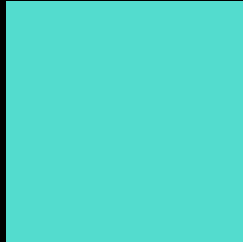
Large Text (above 18pt) WCAG AA × Fail

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 53DCCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

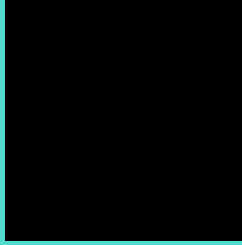
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

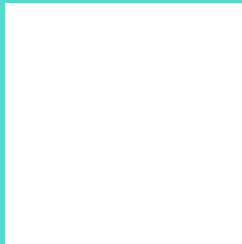
Any Text WCAG AAA ✓ Pass

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

Hex 53DCCE Background



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

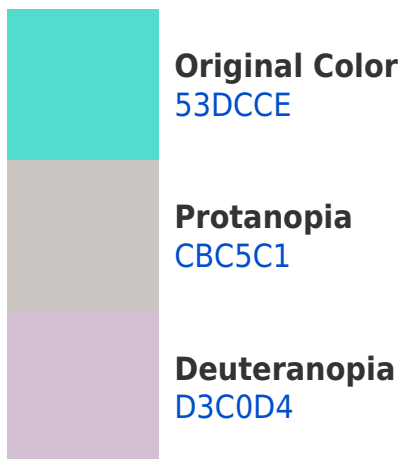


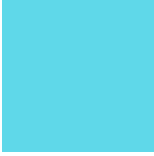
This preview shows how white text looks on a background with the Hex color 53DCCE.

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



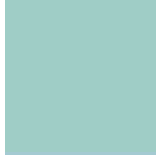


Tritanopia
5FD8E9

Trichromacy



Original Color
53DCCE



Protanomaly
9FCDC6



Deuteranomaly
A4CAD2

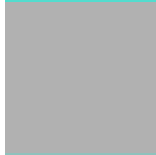


Tritanomaly
5BD9DF

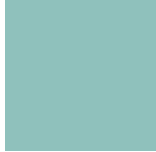
Monochromacy



Original Color
53DCCE



Achromatopsia
B1B1B1



Achromatomaly
8FC1BC

CSS Examples

Text

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

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

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 #53DCCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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