

Converting Colors

Hex(53D5B0)

Have a look what the booklet for
Hex(53D5B0) contains.

Hex(53D5B0)	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(53D5B0)

Conversions

Conversions Part 1

Format	Color
Hex	53D5B0
RGB	83, 213, 176
RGB Percent	33%, 84%, 69%
CMY	0.6745, 0.1647, 0.3098
CMYK	0.61, 0.00, 0.17, 0.16
HSL	163°, 61%, 58%
HSV	163°, 61%, 84%
XYZ	35.1980, 52.5621, 49.3647
YIQ	169.9120, -65.6030, -39.0670

Conversions

Conversions Part 2

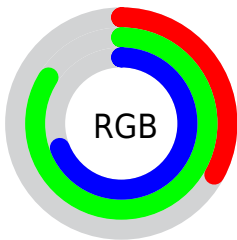
Format	Color
RYB	83, 159, 213
Decimal	5494192
CIELab	77.62, -44.46, 7.76
CIELCh	78, 45.132, 170.096
Yxy	52.5621, 0.2567, 0.3833
Android (android.graphics.Color)	4283684272 (0xFF53D5B0)
YUV	169.9120, 3.0014, -76.2218
Hunter-Lab	72.4997, -40.2143, 10.3796

Details

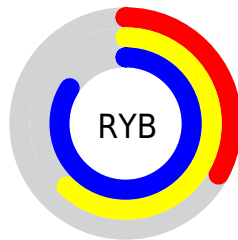
The Hex color **53D5B0** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D55378**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **90FFE8**, and **009D7C** is the 20% darker color. If you saturate the color by 10%, you get **3ED5AA**, and if you desaturate by 10%, it is **68D5B6**.

Distribution



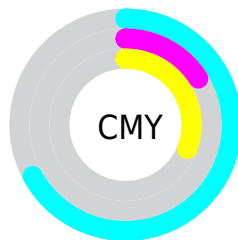
- Red (33%)
- Green (84%)
- Blue (69%)



- Red (33%)
- Yellow (62%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53D5B0 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 53D5B0 by changing the saturation by 10% instead.

 53D5B0

 53D5B0

FFFFFF

 30B995

 90FFE8

 009D7C

 AEFFFF

 008363

 CCFFFF

 00694B

 EAFFFF

 005034

 00381F

 002207

 000000

 53D5B0

 53D5B0

 3ED5AA

 68D5B6

 28D5A4

 7ED5BC

 13D59E

 93D5C2

 00D598

 A8D5C8

 BED5CE

 D3D5D4

 E8D5DA

 FDD5E0

 FFD5E7

Harmonies

Analogous

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



8ED089



53D5B0



00D6DB

Triad

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



53D5B0



AFBAFF



FFAA81

Complementary

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



53D5B0



D55378

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.



FFA0A5



53D5B0



E7ABF6

Square

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



53D5B0



64C8FF



FFA0CF



E7B96D

Rectangle

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



53D5B0



00D3F4



FFA0CF



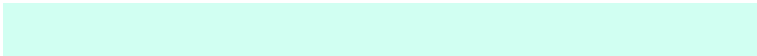
FFA68C

Sweetspot

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



53D5B0



D1FFF2



7AD553



638078



000000



808080

Same Dimension

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



53D5B0



45FFCA



53BBD5



606B68



00AB7A



002B1F

Inverse Universe

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



D55378



FF457A



D56D53



6B6063



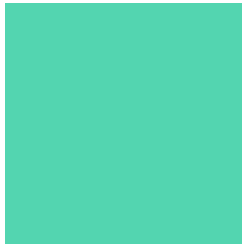
AB0031



2B000C

Previews

White Background



This preview shows how the Hex color 53D5B0 looks on a white background.

Color Contrast Check

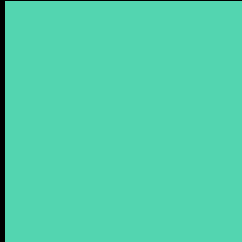
Large Text (above 18pt) WCAG AA × Fail

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 53D5B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

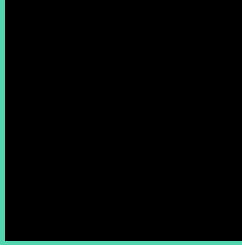
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

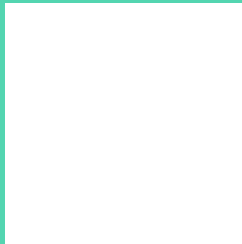
Any Text WCAG AAA ✓ Pass

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

Hex 53D5B0 Background



This preview shows how black text looks on a background with the Hex color 53D5B0.



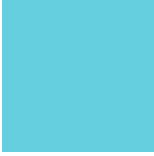
This preview shows how white text looks on a background with the Hex color 53D5B0.

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
65CEDF

Trichromacy



Original Color
53D5B0



Protanomaly
9DC6A8



Deuteranomaly
A5C3B4

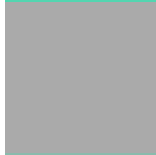


Tritanomaly
5ED1CE

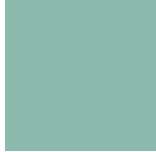
Monochromacy



Original Color
53D5B0



Achromatopsia
AAAAAA



Achromatomaly
8ABAAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 53D5B0 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 #53D5B0 looks like.

```
.text, #text, p{  
    color:#53D5B0  
}
```

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 #53D5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D5B0
}
```

Border

The CSS property to change the border of an element to Hex 53D5B0 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
#53D5B0 }
```

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

```
.border{ border-color:#53D5B0 }
```

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

Here you see how a box with a 4 pixel #53D5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D5B0; -webkit-box-shadow:4px 4px  
4px 4px #53D5B0; box-shadow:4px 4px 4px  
4px #53D5B0 }
```

Background

The CSS property to change the background color of an element to Hex 53D5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D5B0 }
```

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

```
.background{ background-color:#53D5B0 }
```

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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