

Converting Colors

Hex(53E5C5)

Have a look what the booklet for
Hex(53E5C5) contains.

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Color

Hex(53E5C5)

Conversions

Conversions Part 1

Format	Color
Hex	53E5C5
RGB	83, 229, 197
RGB Percent	33%, 90%, 77%
CMY	0.6745, 0.1020, 0.2275
CMYK	0.64, 0.00, 0.14, 0.10
HSL	167°, 74%, 61%
HSV	167°, 64%, 90%
XYZ	41.6646, 61.9088, 62.5770
YIQ	181.6980, -76.7440, -40.9040

Conversions

Conversions Part 2

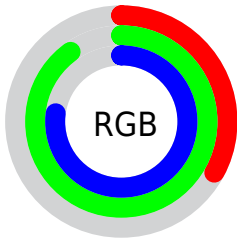
Format	Color
RYB	83, 165, 229
Decimal	5498309
CIELab	82.86, -46.32, 4.17
CIElCh	83, 46.508, 174.851
Yxy	61.9088, 0.2508, 0.3726
Android (android.graphics.Color)	4283688389 (0xFF53E5C5)
YUV	181.6980, 7.5439, -86.5581
Hunter-Lab	78.6822, -43.1725, 7.9234

Details

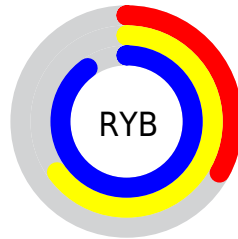
The Hex color **53E5C5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E55373**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **93FFFE**, and **00AD8F** is the 20% darker color. If you saturate the color by 10%, you get **3CE5C0**, and if you desaturate by 10%, it is **6AE5CA**.

Distribution



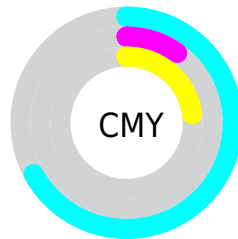
- Red (33%)
- Green (90%)
- Blue (77%)



- Red (33%)
- Yellow (65%)
- Blue (90%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53E5C5 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 53E5C5 by changing the saturation by 10% instead.

 53E5C5

 53E5C5

FFFFFF

 2CC8AA

 93FFFE

 00AD8F

 B1FFFF

 009176

 D0FFFF

 00775D

 EEEFFF

 005D46

 00452F

 002E1A

 001200

 000000

 53E5C5

 53E5C5

 3CE5C0

 6AE5CA

 25E5BB

 81E5CF

 0EE5B6

 98E5D4

 00E5B3

 AFE5D9

 C6E5DE

 DCE5E3

 F3E5E8

 FFE5ED

 FFE5F2

Harmonies

Analogous

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



92E09A



53E5C5



00E5F2

Triad

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



53E5C5



C8C6FF



FFBA88

Complementary

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



53E5C5



E55373

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.



FFAEAC



53E5C5



FEB6FF

Square

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



53E5C5



7ED5FF



FFACD8



F1C976

Rectangle

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



53E5C5



00E2FF



FFACD8



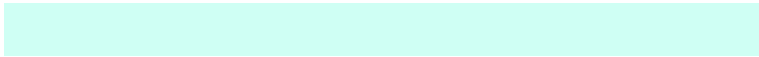
FFB593

Sweetspot

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



53E5C5



CFFFF4



75E553



628079



000000



808080

Same Dimension

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



53E5C5



3BFFD4



53BEE5



677370



00B38B



003328

Inverse Universe

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



E55373



FF3B66



E57A53



73676A



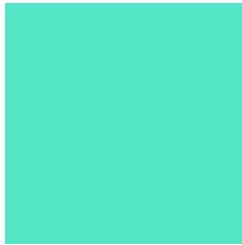
B30027



33000B

Previews

White Background



This preview shows how the Hex color 53E5C5 looks on a white background.

Color Contrast Check

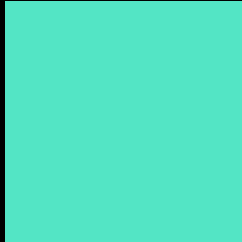
Large Text (above 18pt) WCAG AA × Fail

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 53E5C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

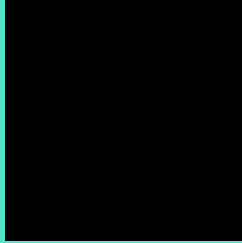
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

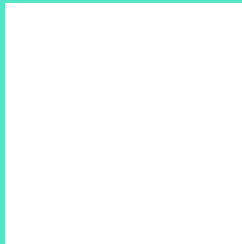
Any Text WCAG AAA ✓ Pass

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

Hex 53E5C5 Background



This preview shows how black text looks on a background with the Hex color 53E5C5.

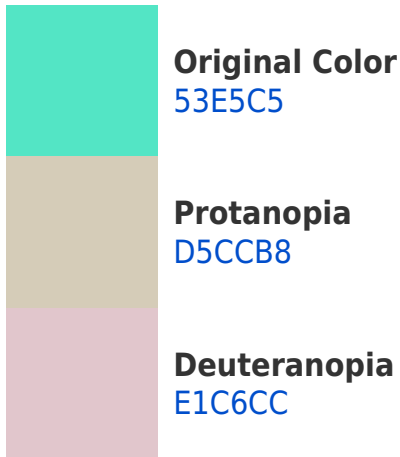


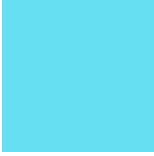
This preview shows how white text looks on a background with the Hex color 53E5C5.

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
65DFF1

Trichromacy



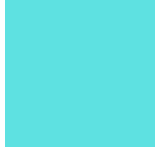
Original Color
53E5C5



Protanomaly
A6D5BD



Deuteranomaly
ADD1C9



Tritanomaly
5EE1E1

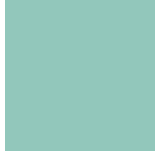
Monochromacy



Original Color
53E5C5



Achromatopsia
B6B6B6



Achromatomaly
92C7BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 53E5C5 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 #53E5C5 looks like.

```
.text, #text, p{  
    color:#53E5C5  
}
```

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 #53E5C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E5C5
}
```

Border

The CSS property to change the border of an element to Hex 53E5C5 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
#53E5C5 }
```

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

```
.border{ border-color:#53E5C5 }
```

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

Here you see how a box with a 4 pixel #53E5C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E5C5; -webkit-box-shadow:4px 4px  
4px 4px #53E5C5; box-shadow:4px 4px 4px  
4px #53E5C5 }
```

Background

The CSS property to change the background color of an element to Hex 53E5C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E5C5 }
```

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

```
.background{ background-color:#53E5C5 }
```

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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