

Converting Colors

Hex(55D9A0)

Have a look what the booklet for
Hex(55D9A0) contains.

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Color

Hex(55D9A0)

Conversions

Conversions Part 1

Format	Color
Hex	55D9A0
RGB	85, 217, 160
RGB Percent	33%, 85%, 63%
CMY	0.6667, 0.1490, 0.3725
CMYK	0.61, 0.00, 0.26, 0.15
HSL	154°, 63%, 59%
HSV	154°, 61%, 85%
XYZ	34.9043, 54.0951, 41.8594
YIQ	171.0340, -60.3750, -45.7110

Conversions

Conversions Part 2

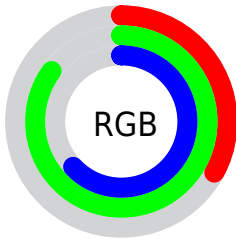
Format	Color
RYB	85, 169, 217
Decimal	5626272
CIELab	78.52, -49.35, 17.53
CIELCh	79, 52.369, 160.438
Yxy	54.0951, 0.2667, 0.4134
Android (android.graphics.Color)	4283816352 (0xFF55D9A0)
YUV	171.0340, -5.4398, -75.4518
Hunter-Lab	73.5493, -44.0006, 17.7406

Details

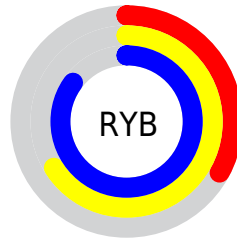
The Hex color **55D9A0** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D9558E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **92FFD7**, and **00A16C** is the 20% darker color. If you saturate the color by 10%, you get **3FD997**, and if you desaturate by 10%, it is **6BD9A9**.

Distribution



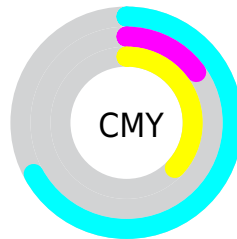
- Red (33%)
- Green (85%)
- Blue (63%)



- Red (33%)
- Yellow (66%)
- Blue (85%)



- Cyan (61%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (67%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55D9A0 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 55D9A0 by changing the saturation by 10% instead.

 55D9A0

 55D9A0

FFFFFF

 32BD86

 92FFD7

 00A16C

 AFFFF3

 008654

 CDFFFF

 006C3C

 EBFFFF

 005326

 003A11

 002400

 000000

 55D9A0

 55D9A0

 3FD997

 6BD9A9

 2AD98D

 80D9B3

 14D984

 96D9BC

 00D97B

 ACD9C5

 C2D9CF

 D7D9D8

 EDD9E2

 FFD9EB

 FFD9F4

Harmonies

Analogous

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



9AD276



55D9A0



00DBD2

Triad

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



55D9A0



91C2FF



FFA385

Complementary

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



55D9A0



D9558E

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.



FF9AB3



55D9A0



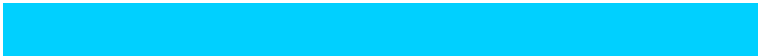
DDAFFF

Square

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



55D9A0



00D0FF



FF9FE4



FAB466

Rectangle

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



55D9A0



00DAF2



FF9FE4



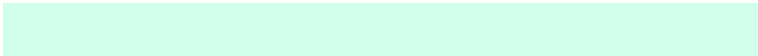
FF9F94

Sweetspot

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



55D9A0



D1FFEB



8ED955



638073



000000



808080

Same Dimension

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



55D9A0



45FFAF



55D0D9



636E69



00AD63



002E1A

Inverse Universe

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



D9558E



FF4595



D95E55



6E6367



AD004B



2E0014

Previews

White Background



This preview shows how the Hex color 55D9A0 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 55D9A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

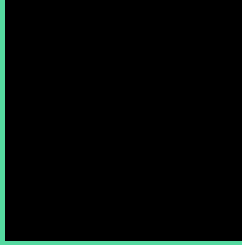
Any Text WCAG AA ✓ Pass

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 55D9A0 Background



This preview shows how black text looks on a background with the Hex color 55D9A0.

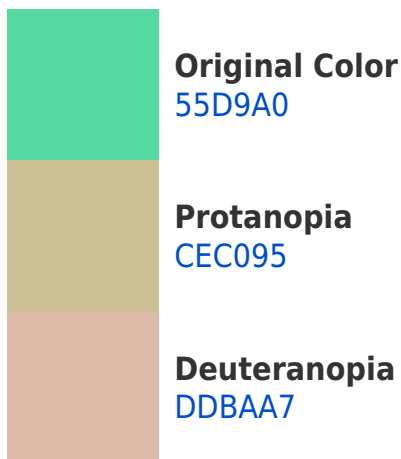


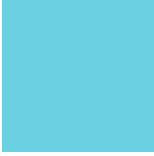
This preview shows how white text looks on a background with the Hex color 55D9A0.

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](#).

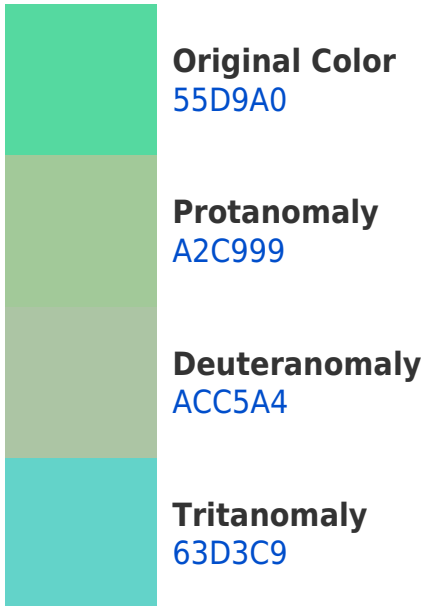
Dichromacy



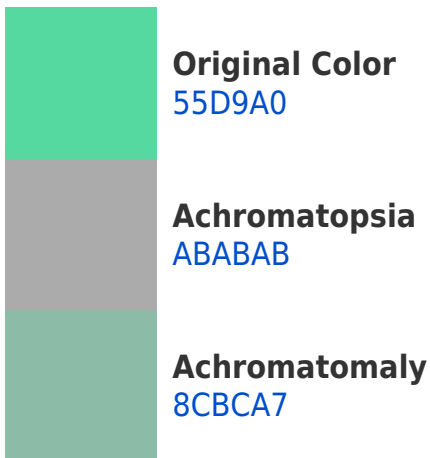


Tritanopia
6BD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55D9A0 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 #55D9A0 looks like.

```
.text, #text, p{  
    color:#55D9A0  
}
```

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 #55D9A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D9A0
}
```

Border

The CSS property to change the border of an element to Hex 55D9A0 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
#55D9A0 }
```

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

```
.border{ border-color:#55D9A0 }
```

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

Here you see how a box with a 4 pixel #55D9A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D9A0; -webkit-box-shadow:4px 4px  
4px 4px #55D9A0; box-shadow:4px 4px 4px  
4px #55D9A0 }
```

Background

The CSS property to change the background color of an element to Hex 55D9A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D9A0 }
```

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

```
.background{ background-color:#55D9A0 }
```

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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