

# Converting Colors

Hex(55CDD5)

Have a look what the booklet for  
Hex(55CDD5) contains.

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# **Color**

**Hex(55CDD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55CDD5
RGB	85, 205, 213
RGB Percent	33%, 80%, 84%
CMY	0.6667, 0.1961, 0.1647
CMYK	0.60, 0.04, 0.00, 0.16
HSL	184°, 60%, 58%
HSV	184°, 60%, 84%
XYZ	37.5879, 50.3980, 70.6975
YIQ	170.0320, -74.0880, -22.9520

# Conversions

## Conversions Part 2

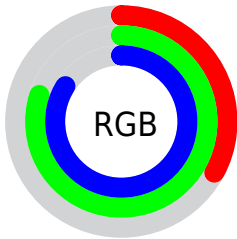
Format	Color
<a href="#">RYB</a>	<a href="#">85, 147, 213</a>
Decimal	<a href="#">5623253</a>
CIELab	<a href="#">76.31, -30.89, -14.03</a>
CIElCh	<a href="#">76, 33.929, 204.417</a>
Yxy	<a href="#">50.3980, 0.2369, 0.3176</a>
Android (android.graphics.Color)	<a href="#">4283813333 (0xFF55CDD5)</a>
YUV	<a href="#">170.0320, 21.1832, -74.5731</a>
Hunter-Lab	<a href="#">70.9916, -29.7249, -9.3503</a>

# Details

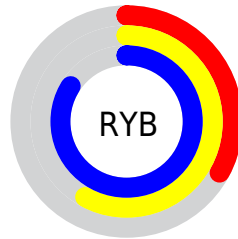
The Hex color **55CDD5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D55D55**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **93FFFF**, and **00969E** is the 20% darker color. If you saturate the color by 10%, you get **40CCD5**, and if you desaturate by 10%, it is **6ACED5**.

# Distribution



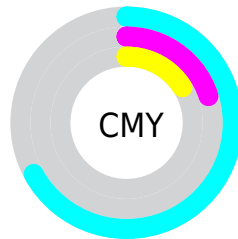
- Red (33%)
- Green (80%)
- Blue (84%)



- Red (33%)
- Yellow (58%)
- Blue (84%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55CDD5 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 55CDD5 by changing the saturation by 10% instead.



 55CDD5

 55CDD5

FFFFFF

 31B1B9

 93FFFF

 00969E

 B1FFFF

 007C84

 CFFFFFF

 00636B

 EDFFFF

 004A53

 00333C

 001F26

 000111

 000000

 55CDD5

 55CDD5

 40CCD5

 6ACED5

 2ACAD5

 80D0D5

 15C9D5

 95D1D5

 00C8D5

 AAD2D5

 C0D4D5

 D5D5D5

 EAD6D5

 FFD8D5

 FFD9D5

# Harmonies

## Analogous

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



6FCDB5



55CDD5



60C9EE

# Triad

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



55CDD5



DFACE1



D7B87E

# Complementary

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



55CDD5



D55D55

# 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.



EFAE8A



55CDD5



F5A5C3

# Square

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



55CDD5



B8B6F5



FBA6A4



B7C282

# Rectangle

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



55CDD5



7AC4F8



FBA6A4



E1B580



# Sweetspot

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



55CDD5



D1FCFF



55D55B



637E80



000000



808080



# Same Dimension

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



55CDD5



47F4FF



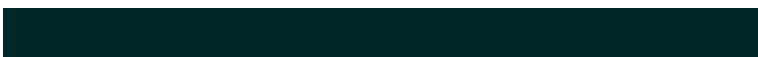
558FD5



606A6B



00A0AB



00292B



# Inverse Universe

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



D555CD



FF47F4



D59B55



6B606A



AB00A0

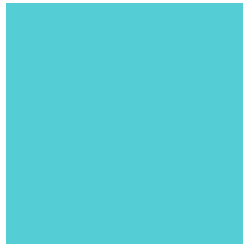


2B0029



# Previews

## White Background



This preview shows how the Hex color 55CDD5 looks on a white background.

## Color Contrast Check

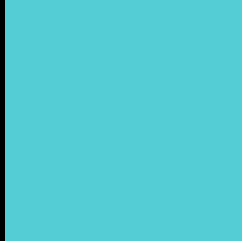
Large Text (above 18pt) WCAG AA × Fail

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 55CDD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

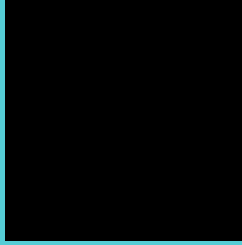
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55CDD5 Background



This preview shows how black text looks on a background with the Hex color 55CDD5.

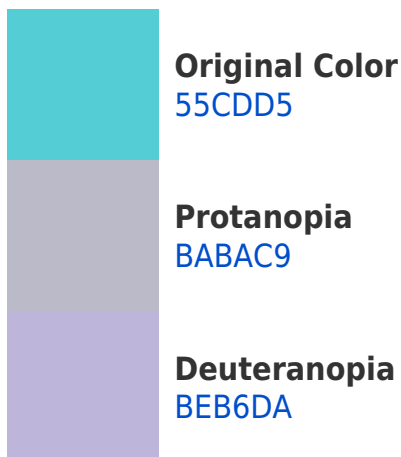


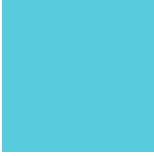
This preview shows how white text looks on a background with the Hex color 55CDD5.

# Color Blindness Simulation

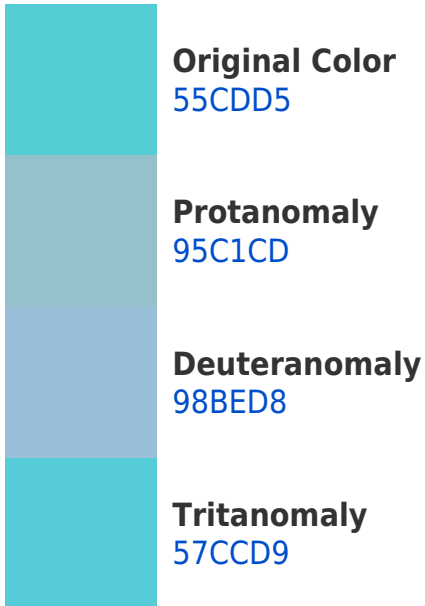
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

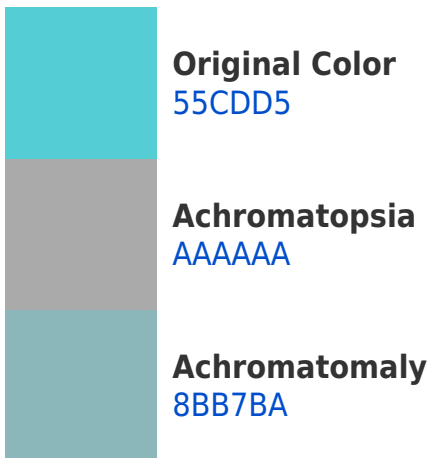




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55CDD5 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 #55CDD5 looks like.

```
.text, #text, p{  
    color:#55CDD5  
}
```

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 #55CDD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CDD5
}
```

## Border

The CSS property to change the border of an element to Hex 55CDD5 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
#55CDD5 }
```

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

```
.border{ border-color:#55CDD5 }
```

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

Here you see how a box with a 4 pixel #55CDD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CDD5; -webkit-box-shadow:4px 4px  
4px 4px #55CDD5; box-shadow:4px 4px 4px  
4px #55CDD5 }
```

# Background

The CSS property to change the background color of an element to Hex 55CDD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CDD5 }
```

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

```
.background{ background-color:#55CDD5 }
```

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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