

Converting Colors

Hex(55C6C6)

Have a look what the booklet for
Hex(55C6C6) contains.

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Color

Hex(55C6C6)

Conversions

Conversions Part 1

Format	Color
Hex	55C6C6
RGB	85, 198, 198
RGB Percent	33%, 78%, 78%
CMY	0.6667, 0.2235, 0.2235
CMYK	0.57, 0.00, 0.00, 0.22
HSL	180°, 50%, 55%
HSV	180°, 57%, 78%
XYZ	34.1334, 46.3967, 60.5825
YIQ	164.2130, -67.3480, -23.9560

Conversions

Conversions Part 2

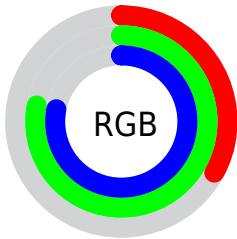
Format	Color
R _Y B	85, 142, 198
Decimal	5621446
CIE Lab	73.80, -31.68, -9.67
CIE LCh	74, 33.120, 196.968
Yxy	46.3967, 0.2419, 0.3288
Android (android.graphics.Color)	4283811526 (0xFF55C6C6)
YUV	164.2130, 16.6570, -69.4698
Hunter-Lab	68.1151, -29.7526, -5.0528

Details

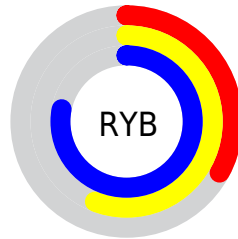
The Hex color **55C6C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C65555**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **91FFFF**, and **009090** is the 20% darker color. If you saturate the color by 10%, you get **41C6C6**, and if you desaturate by 10%, it is **69C6C6**.

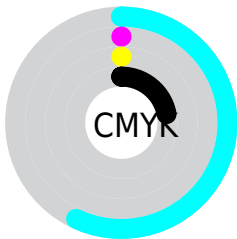
Distribution



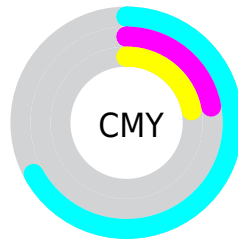
- Red (33%)
- Green (78%)
- Blue (78%)



- Red (33%)
- Yellow (56%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C6C6 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 55C6C6 by changing the saturation by 10% instead.

 55C6C6

 55C6C6

FFFFFF

 33AAAB

 91FFFF

 009090

 AFFFFFFF

 007677

 CCFFFF

 005C5E

 EAFFFF

 004446

 002D30

 00171B

 000000

 55C6C6

 55C6C6

41C6C6

69C6C6

2DC6C6

7DC6C6

1AC6C6

90C6C6

06C6C6

A4C6C6

00C6C6

B8C6C6

CCC6C6

E0C6C6

F3C6C6

FFC6C6

Harmonies

Analogous

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



73C5A7



55C6C6



55C3E1

Triad

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



55C6C6



CFA8DF



D6AF7A

Complementary

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



55C6C6



C65555

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.



EBA58A



55C6C6



E9A0C4

Square

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



55C6C6



A7B2EF



F29FA5



B9B97B

Rectangle

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



55C6C6



6ABFED



F29FA5



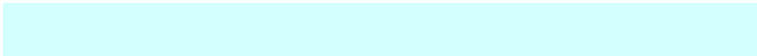
DEAB7E

Sweetspot

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



55C6C6



D4FFFF



55C655



668080



000000



808080

Same Dimension

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



55C6C6



52FFFF



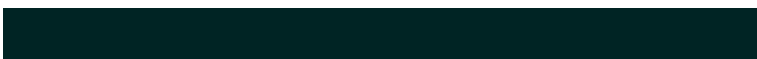
558EC6



5A6363



00A3A3



002424

Inverse Universe

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



C655C6



FF52FF



C68E55



635A63



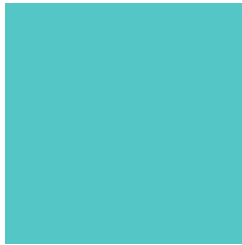
A300A3



240024

Previews

White Background



This preview shows how the Hex color 55C6C6 looks on a white background.

Color Contrast Check

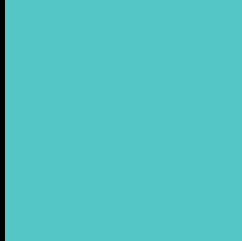
Large Text (above 18pt) WCAG AA × Fail

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 55C6C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

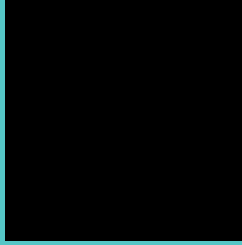
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

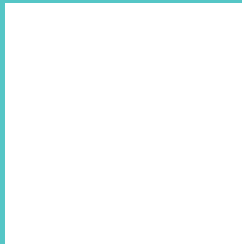
Any Text WCAG AAA ✓ Pass

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

Hex 55C6C6 Background



This preview shows how black text looks on a background with the Hex color 55C6C6.

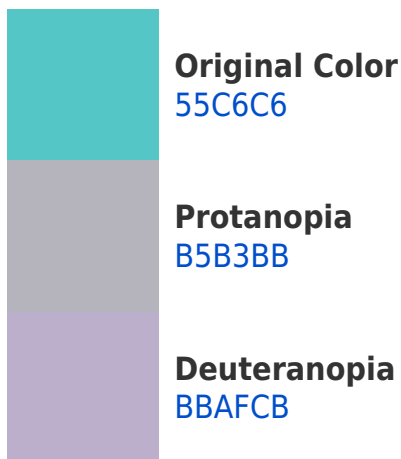


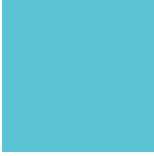
This preview shows how white text looks on a background with the Hex color 55C6C6.

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
5BC4D4

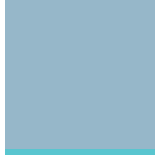
Trichromacy



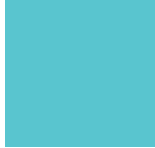
Original Color
55C6C6



Protanomaly
92BABF



Deuteranomaly
96B7C9



Tritanomaly
59C5CF

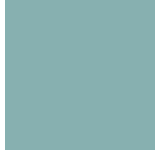
Monochromacy



Original Color
55C6C6



Achromatopsia
A4A4A4



Achromatomaly
87B0B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 55C6C6 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 #55C6C6 looks like.

```
.text, #text, p{  
    color:#55C6C6  
}
```

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 #55C6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C6C6
}
```

Border

The CSS property to change the border of an element to Hex 55C6C6 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
#55C6C6 }
```

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

```
.border{ border-color:#55C6C6 }
```

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

Here you see how a box with a 4 pixel #55C6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C6C6; -webkit-box-shadow:4px 4px  
4px 4px #55C6C6; box-shadow:4px 4px 4px  
4px #55C6C6 }
```

Background

The CSS property to change the background color of an element to Hex 55C6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C6C6 }
```

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

```
.background{ background-color:#55C6C6 }
```

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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