

Converting Colors

Hex(56C6C6)

Have a look what the booklet for
Hex(56C6C6) contains.

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Color

Hex(56C6C6)

Conversions

Conversions Part 1

Format	Color
Hex	56C6C6
RGB	86, 198, 198
RGB Percent	34%, 78%, 78%
CMY	0.6627, 0.2235, 0.2235
CMYK	0.57, 0.00, 0.00, 0.22
HSL	180°, 50%, 56%
HSV	180°, 57%, 78%
XYZ	34.2249, 46.4438, 60.5868
YIQ	164.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

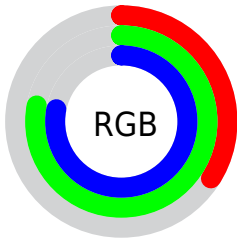
Format	Color
RYB	86, 142, 198
Decimal	5686982
CIELab	73.83, -31.49, -9.62
CIElCh	74, 32.928, 196.982
Yxy	46.4438, 0.2423, 0.3288
Android (android.graphics.Color)	4283877062 (0xFF56C6C6)
YUV	164.5120, 16.5096, -68.8550
Hunter-Lab	68.1497, -29.6190, -5.0055

Details

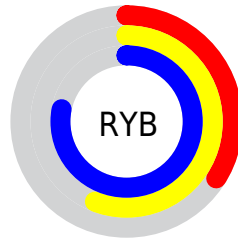
The Hex color **56C6C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C65656**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **92FFFF**, and **009090** is the 20% darker color. If you saturate the color by 10%, you get **42C6C6**, and if you desaturate by 10%, it is **6AC6C6**.

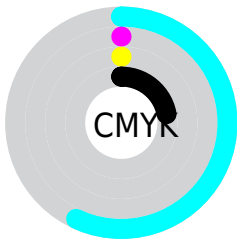
Distribution



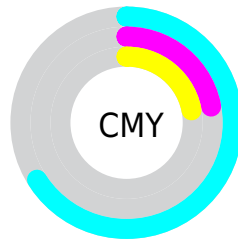
- Red (34%)
- Green (78%)
- Blue (78%)



- Red (34%)
- Yellow (56%)
- Blue (78%)



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



- Cyan (66%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C6C6 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 56C6C6 by changing the saturation by 10% instead.

 56C6C6

 56C6C6

FFFFFF

 35AAAB

 92FFFF

 009090

 AFFFFFFF

 007677

 CDFFFF

 005D5E

 EBFFFF

 004446

 002D30

 00171B

 000000

 56C6C6

 56C6C6

 42C6C6

 6AC6C6

 2EC6C6

 7EC6C6

 1BC6C6

 91C6C6

 07C6C6

 A5C6C6

 00C6C6

 B9C6C6

 CDC6C6

 E1C6C6

 F4C6C6

 FFC6C6

Harmonies

Analogous

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



73C5A7



56C6C6



56C3E1

Triad

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



56C6C6



CFA8DF



D6AF7B

Complementary

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



56C6C6



C65656

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.



EBA58B



56C6C6



E9A0C4

Square

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



56C6C6



A7B2EF



F29FA5



B9B97B

Rectangle

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



56C6C6



6BBFEC



F29FA5



DEAC7F

Sweetspot

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



56C6C6



D4FFFF



56C656



668080



000000



808080

Same Dimension

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



56C6C6



52FFFF



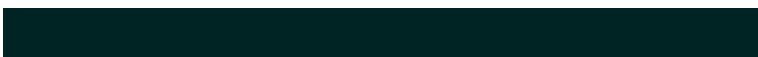
568EC6



5A6363



00A3A3



002424

Inverse Universe

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



C656C6



FF52FF



C68E56



635A63



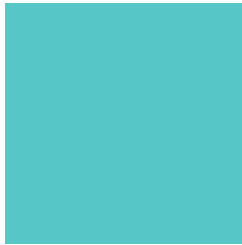
A300A3



240024

Previews

White Background



This preview shows how the Hex color 56C6C6 looks on a white background.

Color Contrast Check

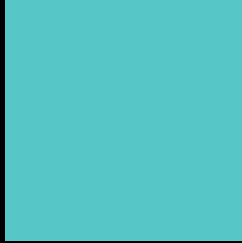
Large Text (above 18pt) WCAG AA × Fail

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 56C6C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

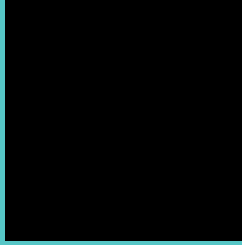
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

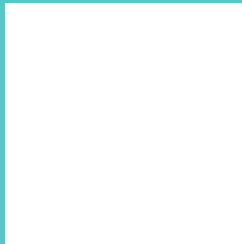
Any Text WCAG AAA ✓ Pass

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

Hex 56C6C6 Background



This preview shows how black text looks on a background with the Hex color 56C6C6.



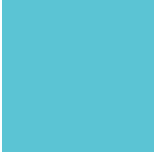
This preview shows how white text looks on a background with the Hex color 56C6C6.

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

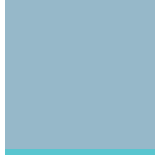
Trichromacy



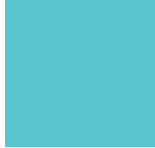
Original Color
56C6C6



Protanomaly
93BABF



Deuteranomaly
96B8C9

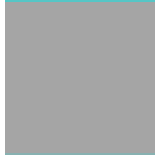


Tritanomaly
59C5CF

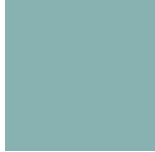
Monochromacy



Original Color
56C6C6



Achromatopsia
A5A5A5



Achromatomaly
88B1B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C6C6 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 #56C6C6 looks like.

```
.text, #text, p{  
    color:#56C6C6  
}
```

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 #56C6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C6C6
}
```

Border

The CSS property to change the border of an element to Hex 56C6C6 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
#56C6C6 }
```

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

```
.border{ border-color:#56C6C6 }
```

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

Here you see how a box with a 4 pixel #56C6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C6C6; -webkit-box-shadow:4px 4px  
4px 4px #56C6C6; box-shadow:4px 4px 4px  
4px #56C6C6 }
```

Background

The CSS property to change the background color of an element to Hex 56C6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C6C6 }
```

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

```
.background{ background-color:#56C6C6 }
```

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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