

Converting Colors

Hex(5FC6C6)

Have a look what the booklet for
Hex(5FC6C6) contains.

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Color

Hex(5FC6C6)

Conversions

Conversions Part 1

Format	Color
Hex	5FC6C6
RGB	95, 198, 198
RGB Percent	37%, 78%, 78%
CMY	0.6275, 0.2235, 0.2235
CMYK	0.52, 0.00, 0.00, 0.22
HSL	180°, 47%, 57%
HSV	180°, 52%, 78%
XYZ	35.1064, 46.8983, 60.6281
YIQ	167.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

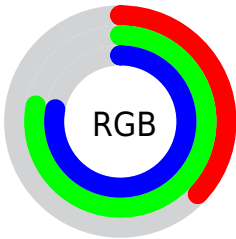
Format	Color
RYB	95, 147, 198
Decimal	6276806
CIELab	74.12, -29.72, -9.15
CIElCh	74, 31.100, 197.113
Yxy	46.8983, 0.2461, 0.3288
Android (android.graphics.Color)	4284466886 (0xFF5FC6C6)
YUV	167.2030, 15.1829, -63.3220
Hunter-Lab	68.4823, -28.3387, -4.5524

Details

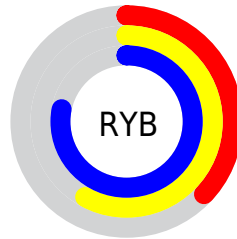
The Hex color **5FC6C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C65F5F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **99FFFF**, and **199090** is the 20% darker color. If you saturate the color by 10%, you get **4BC6C6**, and if you desaturate by 10%, it is **73C6C6**.

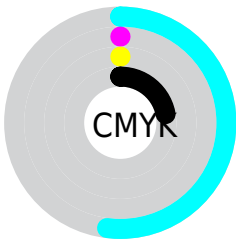
Distribution



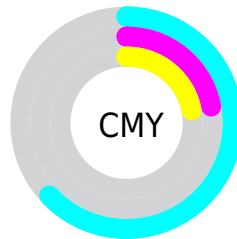
- Red (37%)
- Green (78%)
- Blue (78%)



- Red (37%)
- Yellow (58%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC6C6 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 5FC6C6 by changing the saturation by 10% instead.

 5FC6C6

 5FC6C6

FFFFFF

 40AAAB

 99FFFF

 199090

 B7FFFF

 007677

 D4FFFF

 005D5E

 F2FFFF

 004546

 002D30

 00181B

 000000

 5FC6C6

 5FC6C6

 4BC6C6

 73C6C6

 37C6C6

 87C6C6

 24C6C6

 9AC6C6

 10C6C6

 AEC6C6

 00C6C6

 C2C6C6

 D6C6C6

 EAC6C6

 FDC6C6

 FFC6C6

Harmonies

Analogous

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



78C5A9



5FC6C6



60C3DF

Triad

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



5FC6C6



CEA9DD



D6B07F

Complementary

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



5FC6C6



C65F5F

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.



E9A78E



5FC6C6



E7A2C4

Square

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



5FC6C6



A9B3ED



F0A1A7



BABA7F

Rectangle

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



5FC6C6



72BFEA



F0A1A7



DDAD82

Sweetspot

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



5FC6C6



D6FFFF



5FC65F



678080



000000



808080

Same Dimension

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



5FC6C6



61FFFF



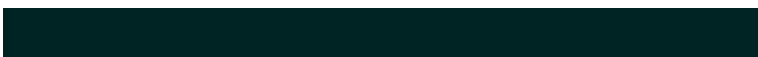
5F93C6



5A6363



00A3A3



002424

Inverse Universe

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



C65FC6



FF61FF



C6935F



635A63



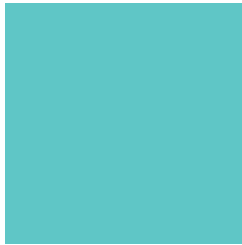
A300A3



240024

Previews

White Background



This preview shows how the Hex color 5FC6C6 looks on a white background.

Color Contrast Check

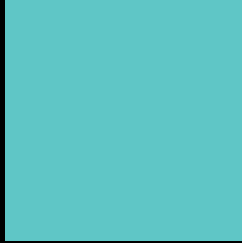
Large Text (above 18pt) WCAG AA × Fail

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 5FC6C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

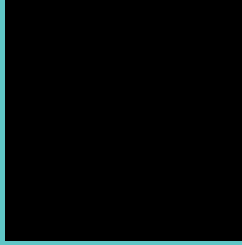
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

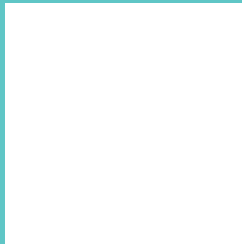
Any Text WCAG AAA ✓ Pass

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

Hex 5FC6C6 Background



This preview shows how black text looks on a background with the Hex color 5FC6C6.

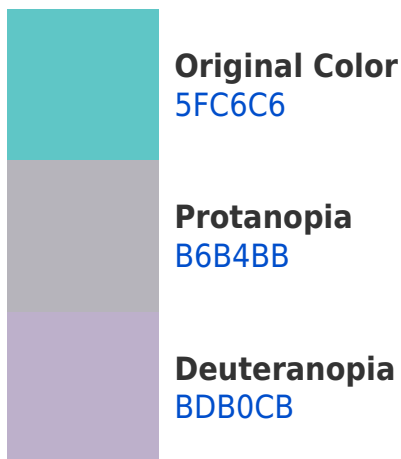


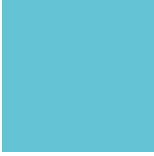
This preview shows how white text looks on a background with the Hex color 5FC6C6.

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
64C4D4

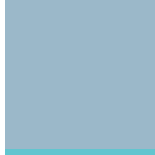
Trichromacy



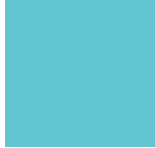
Original Color
5FC6C6



Protanomaly
96BBBF



Deuteranomaly
9BB8C9

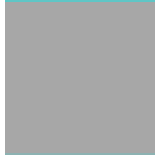


Tritanomaly
62C5CF

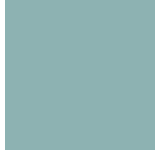
Monochromacy



Original Color
5FC6C6



Achromatopsia
A7A7A7



Achromatomaly
8DB2B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC6C6 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 #5FC6C6 looks like.

```
.text, #text, p{  
    color:#5FC6C6  
}
```

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 #5FC6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC6C6
}
```

Border

The CSS property to change the border of an element to Hex 5FC6C6 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
#5FC6C6 }
```

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

```
.border{ border-color:#5FC6C6 }
```

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

Here you see how a box with a 4 pixel #5FC6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC6C6; -webkit-box-shadow:4px 4px  
4px 4px #5FC6C6; box-shadow:4px 4px 4px  
4px #5FC6C6 }
```

Background

The CSS property to change the background color of an element to Hex 5FC6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC6C6 }
```

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

```
.background{ background-color:#5FC6C6 }
```

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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