

Converting Colors

Hex(56C598)

Have a look what the booklet for
Hex(56C598) contains.

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Color

Hex(56C598)

Conversions

Conversions Part 1

Format	Color
Hex	56C598
RGB	86, 197, 152
RGB Percent	34%, 77%, 60%
CMY	0.6627, 0.2275, 0.4039
CMYK	0.56, 0.00, 0.23, 0.23
HSL	156°, 49%, 55%
HSV	156°, 56%, 77%
XYZ	29.4715, 44.1779, 36.6796
YIQ	158.6810, -51.7110, -37.5270

Conversions

Conversions Part 2

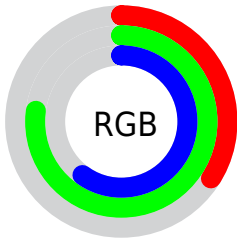
Format	Color
RYB	86, 156, 197
Decimal	5686680
CIELab	72.35, -42.39, 13.16
CIELCh	72, 44.382, 162.749
Yxy	44.1779, 0.2671, 0.4004
Android (android.graphics.Color)	4283876760 (0xFF56C598)
YUV	158.6810, -3.2937, -63.7412
Hunter-Lab	66.4665, -37.1687, 13.8072

Details

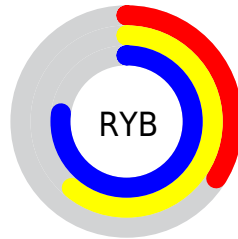
The Hex color **56C598** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C55683**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **90FECE**, and **0A8E65** is the 20% darker color. If you saturate the color by 10%, you get **42C590**, and if you desaturate by 10%, it is **6AC5A0**.

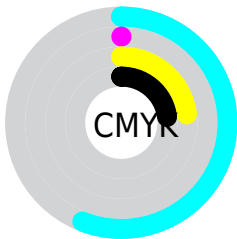
Distribution



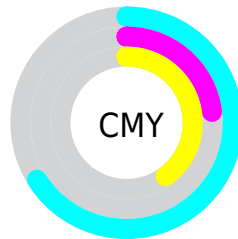
- Red (34%)
- Green (77%)
- Blue (60%)



- Red (34%)
- Yellow (61%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (66%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C598 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 56C598 by changing the saturation by 10% instead.

 56C598

 56C598

FFFFFF

 37A97E

 90FECE

 0A8E65

 ADFFEB

 00744D

 CAFFFF

 005B36

 E8FFFF

 004220

 002C0A

 000F00

 000000

 56C598

 56C598

 42C590

 6AC5A0

 2FC588

 7DC5A8

 1BC580

 91C5B0

 07C578

 A5C5B8

 00C575

 B9C5C0

 CCC5C8

 E0C5D0

 F4C5D8

 FFC5E0

Harmonies

Analogous

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



8DBF74



56C598



00C7C2

Triad

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



56C598



91B0FF



F8997C

Complementary

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



56C598



C55683

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.



FF91A1



56C598



CCA0ED

Square

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



56C598



3BBCFE



F194CB



DFA764

Rectangle

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



56C598



00C5DC



F194CB



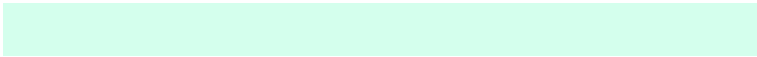
FD9588

Sweetspot

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



56C598



D4FFED



84C556



668075



000000



808080

Same Dimension

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



56C598



52FFB9



56BCC5



5A635F



00A361



002415

Inverse Universe

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



C55683



FF5298



C55F56



635A5E



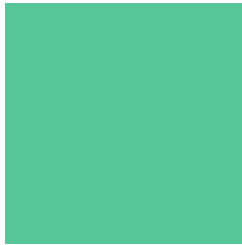
A30042



24000E

Previews

White Background



This preview shows how the Hex color 56C598 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 56C598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

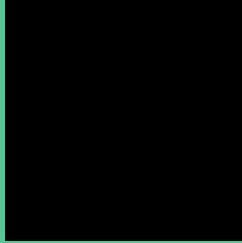
Any Text WCAG AA ✓ Pass

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 56C598 Background



This preview shows how black text looks on a background with the Hex color 56C598.

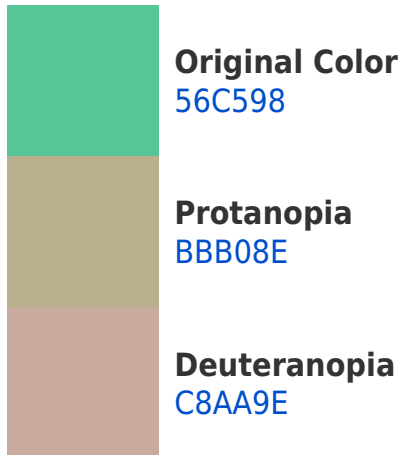


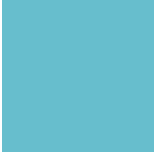
This preview shows how white text looks on a background with the Hex color 56C598.

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
67BECD

Trichromacy



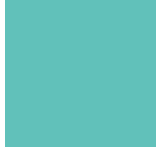
Original Color
56C598



Protanomaly
96B892



Deuteranomaly
9FB49C



Tritanomaly
61C1BA

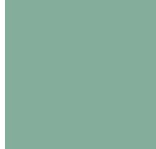
Monochromacy



Original Color
56C598



Achromatopsia
9F9F9F



Achromatomaly
84AD9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C598 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 #56C598 looks like.

```
.text, #text, p{  
    color:#56C598  
}
```

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 #56C598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C598
}
```

Border

The CSS property to change the border of an element to Hex 56C598 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
#56C598 }
```

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

```
.border{ border-color:#56C598 }
```

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

Here you see how a box with a 4 pixel #56C598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C598; -webkit-box-shadow:4px 4px  
4px 4px #56C598; box-shadow:4px 4px 4px  
4px #56C598 }
```

Background

The CSS property to change the background color of an element to Hex 56C598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C598 }
```

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

```
.background{ background-color:#56C598 }
```

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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