

Converting Colors

Hex(5EB095)

Have a look what the booklet for
Hex(5EB095) contains.

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Color

Hex(5EB095)

Conversions

Conversions Part 1

Format	Color
Hex	5EB095
RGB	94, 176, 149
RGB Percent	37%, 69%, 58%
CMY	0.6314, 0.3098, 0.4157
CMYK	0.47, 0.00, 0.15, 0.31
HSL	160°, 34%, 53%
HSV	160°, 47%, 69%
XYZ	25.5662, 35.6003, 33.9578
YIQ	148.4040, -40.2050, -25.7810

Conversions

Conversions Part 2

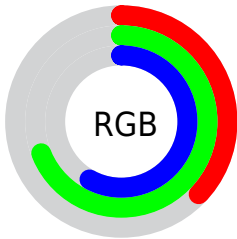
Format	Color
RYB	94, 143, 176
Decimal	6205589
CIELab	66.21, -31.61, 6.12
CIELCh	66, 32.195, 169.047
Yxy	35.6003, 0.2688, 0.3742
Android (android.graphics.Color)	4284395669 (0xFF5EB095)
YUV	148.4040, 0.2938, -47.7123
Hunter-Lab	59.6660, -27.9301, 8.0223

Details

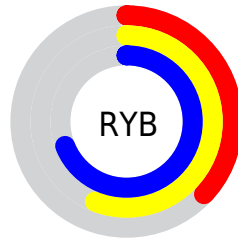
The Hex color **5EB095** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B05E79**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **95E8CB**, and **257B62** is the 20% darker color. If you saturate the color by 10%, you get **4CB08F**, and if you desaturate by 10%, it is **70B09B**.

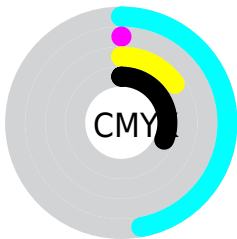
Distribution



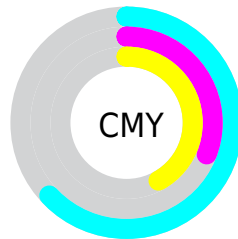
- Red (37%)
- Green (69%)
- Blue (58%)



- Red (37%)
- Yellow (56%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB095 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 5EB095 by changing the saturation by 10% instead.

 5EB095

 5EB095

FFFFFF

 43957B

 95E8CB

 257B62

 B1FFE7

 00624B

 CDFFFF

 004934

 EAFFFF

 00321F

 001E07

 000000

 5EB095

 5EB095

 4CB08F

 70B09B

 3BB089

 81B0A1

 29B084

 93B0A6

 18B07E

 A4B0AC

 06B078

 B6B0B2

 00B076

 C8B0B8

 D9B0BE

 EBB0C3

 FCB0C9

Harmonies

Analogous

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



81AC7A



5EB095



40B1B3

Triad

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



5EB095



969DD7



D29276

Complementary

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



5EB095



B05E79

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.



DA8C8F



5EB095



BB93C7

Square

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



5EB095



69A7D9



D38CAD



BE9C68

Rectangle

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



5EB095



3CAFC4



D38CAD



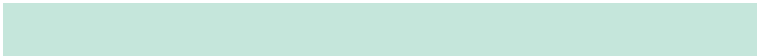
D78F7E

Sweetspot

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



5EB095



C5E6DB



79B05E



5F736C



F2F2F2



737373

Same Dimension

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



5EB095



65E6BB



5EA2B0



505956



009967



001A11

Inverse Universe

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



B05E79



E6658F



B06C5E



595053



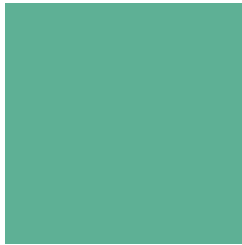
990032



1A0008

Previews

White Background



This preview shows how the Hex color 5EB095 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 5EB095 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 5EB095 Background



This preview shows how black text looks on a background with the Hex color 5EB095.

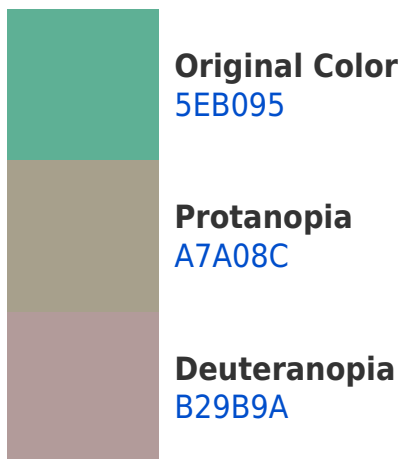


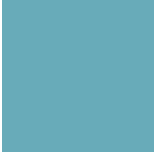
This preview shows how white text looks on a background with the Hex color 5EB095.

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](#).

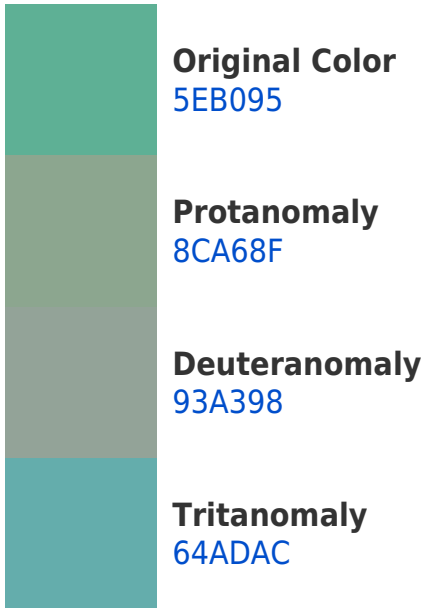
Dichromacy



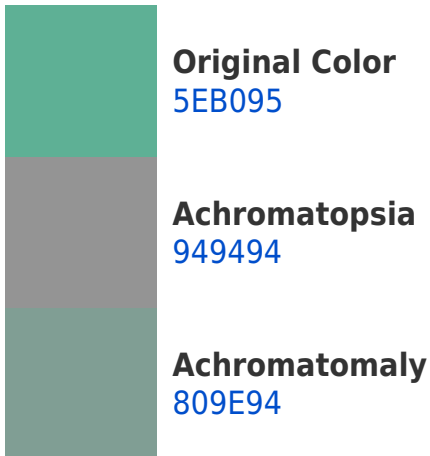


Tritanopia
68ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB095 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 #5EB095 looks like.

```
.text, #text, p{  
    color:#5EB095  
}
```

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 #5EB095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB095
}
```

Border

The CSS property to change the border of an element to Hex 5EB095 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
#5EB095 }
```

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

```
.border{ border-color:#5EB095 }
```

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

Here you see how a box with a 4 pixel #5EB095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB095; -webkit-box-shadow:4px 4px  
4px 4px #5EB095; box-shadow:4px 4px 4px  
4px #5EB095 }
```

Background

The CSS property to change the background color of an element to Hex 5EB095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB095 }
```

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

```
.background{ background-color:#5EB095 }
```

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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