

Converting Colors

Hex(5EB9A5)

Have a look what the booklet for
Hex(5EB9A5) contains.

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Color

Hex(5EB9A5)

Conversions

Conversions Part 1

Format	Color
Hex	5EB9A5
RGB	94, 185, 165
RGB Percent	37%, 73%, 65%
CMY	0.6314, 0.2745, 0.3529
CMYK	0.49, 0.00, 0.11, 0.27
HSL	167°, 39%, 55%
HSV	167°, 49%, 73%
XYZ	28.7566, 39.7942, 41.7627
YIQ	155.5110, -47.8160, -25.5120

Conversions

Conversions Part 2

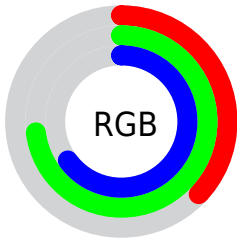
Format	Color
RYB	94, 145, 185
Decimal	6207909
CIELab	69.32, -32.11, 1.79
CIElCh	69, 32.158, 176.801
Yxy	39.7942, 0.2607, 0.3607
Android (android.graphics.Color)	4284397989 (0xFF5EB9A5)
YUV	155.5110, 4.6781, -53.9451
Hunter-Lab	63.0827, -29.0244, 4.9060

Details

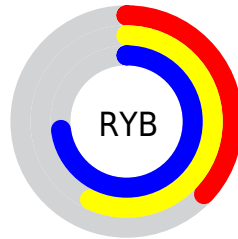
The Hex color **5EB9A5** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B95E72**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **96F1DC**, and **228371** is the 20% darker color. If you saturate the color by 10%, you get **4CB9A1**, and if you desaturate by 10%, it is **71B9A9**.

Distribution



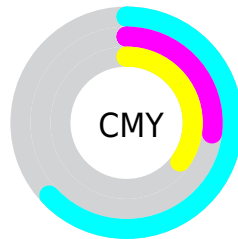
- Red (37%)
- Green (73%)
- Blue (65%)



- Red (37%)
- Yellow (57%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB9A5 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 5EB9A5 by changing the saturation by 10% instead.

 5EB9A5

 5EB9A5

FFFFFF

 419E8B

 96F1DC

 228371

 B2FFF8

 006A59

 CFFFFFF

 005142

 EDFFFF

 00392C

 002417

 000000

 5EB9A5

 5EB9A5

 4CB9A1

 71B9A9

 39B99D

 83B9AD

 27B999

 96B9B1

 14B995

 A8B9B5

 01B991

 BBB9B9

 00B990

 CDB9BD

 E0B9C1

 F2B9C6

 FFB9CA

Harmonies

Analogous

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



80B688



5EB9A5



47B9C2

Triad

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



5EB9A5



A9A3DD



D79C79

Complementary

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



5EB9A5



B95E72

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.



E39590



5EB9A5



CB99CA

Square

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



5EB9A5



7DADE3



DF94AE



C0A66F

Rectangle

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



5EB9A5



4BB6D3



DF94AE



DC9A80

Sweetspot

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



5EB9A5



CCF0E8



73B95E



627873



F7F7F7



787878

Same Dimension

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



5EB9A5



62F0D1



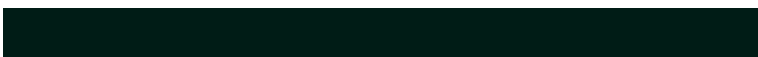
5EA1B9



535C5A



009C79



001C16

Inverse Universe

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



B95E72



F06281



B9765E



5C5355



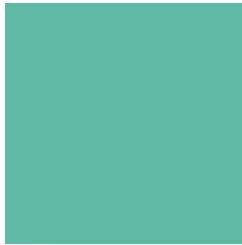
9C0022



1C0006

Previews

White Background



This preview shows how the Hex color 5EB9A5 looks on a white background.

Color Contrast Check

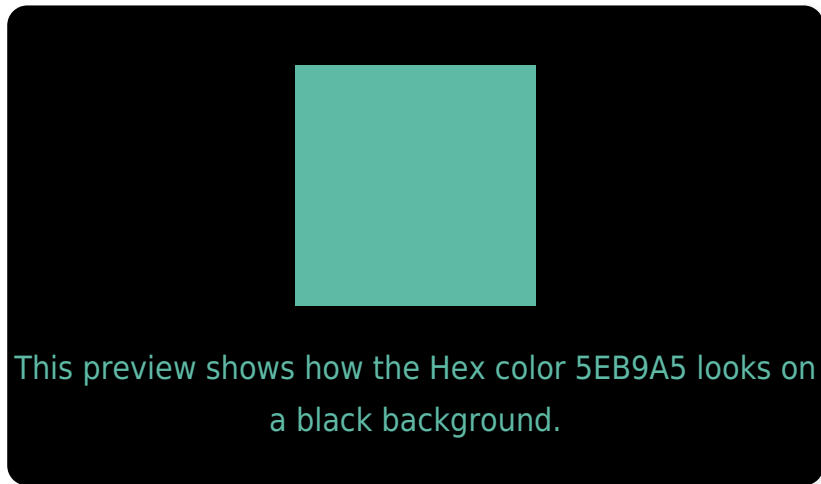
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

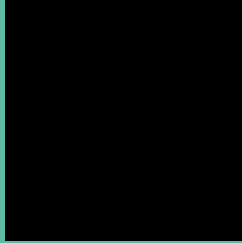
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

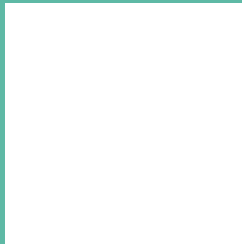
Any Text WCAG AAA ✓ Pass

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

Hex 5EB9A5 Background



This preview shows how black text looks on a background with the Hex color 5EB9A5.

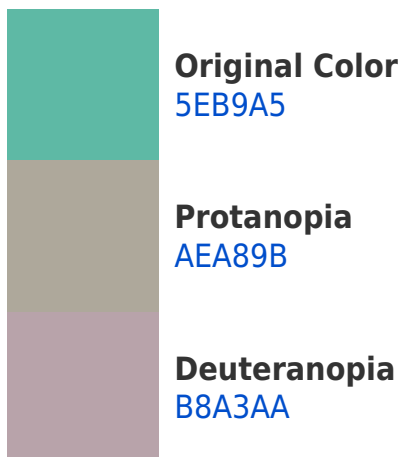


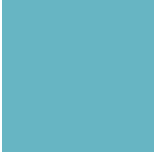
This preview shows how white text looks on a background with the Hex color 5EB9A5.

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](#).

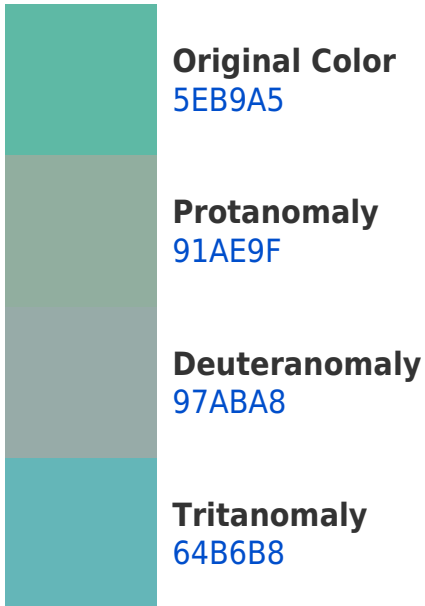
Dichromacy



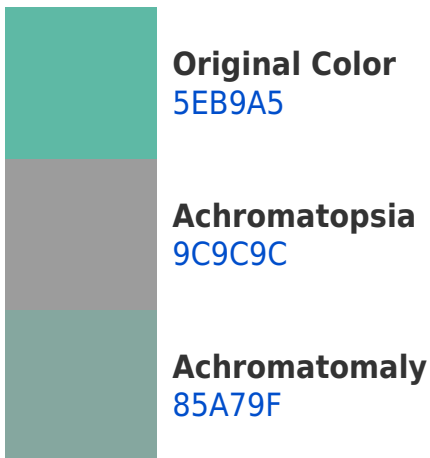


Tritanopia
67B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB9A5 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 #5EB9A5 looks like.

```
.text, #text, p{  
    color:#5EB9A5  
}
```

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 #5EB9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB9A5
}
```

Border

The CSS property to change the border of an element to Hex 5EB9A5 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
#5EB9A5 }
```

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

```
.border{ border-color:#5EB9A5 }
```

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

Here you see how a box with a 4 pixel #5EB9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB9A5; -webkit-box-shadow:4px 4px  
4px 4px #5EB9A5; box-shadow:4px 4px 4px  
4px #5EB9A5 }
```

Background

The CSS property to change the background color of an element to Hex 5EB9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB9A5 }
```

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

```
.background{ background-color:#5EB9A5 }
```

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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