

Converting Colors

Hex(5985AE)

Have a look what the booklet for
Hex(5985AE) contains.

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Color

Hex(5985AE)

Conversions

Conversions Part 1

Format	Color
Hex	5985AE
RGB	89, 133, 174
RGB Percent	35%, 52%, 68%
CMY	0.6510, 0.4784, 0.3176
CMYK	0.49, 0.24, 0.00, 0.32
HSL	209°, 34%, 52%
HSV	209°, 49%, 68%
XYZ	20.1473, 21.9549, 43.2202
YIQ	124.5180, -39.3850, 3.4230

Conversions

Conversions Part 2

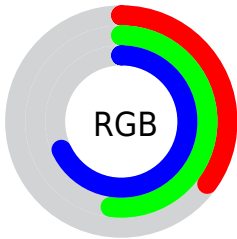
Format	Color
R_{YB}	89, 118, 174
Decimal	5866926
CIE _{Lab}	53.98, -3.51, -26.33
CIE _{LCh}	54, 26.564, 262.406
Yxy	21.9549, 0.2361, 0.2573
Android (android.graphics.Color)	4284057006 (0xFF5985AE)
YUV	124.5180, 24.3946, -31.1493
Hunter-Lab	46.8561, -5.2460, -21.8901

Details

The Hex color **5985AE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE8259**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8FBAE6**, and **215479** is the 20% darker color. If you saturate the color by 10%, you get **487DAE**, and if you desaturate by 10%, it is **6A8DAE**.

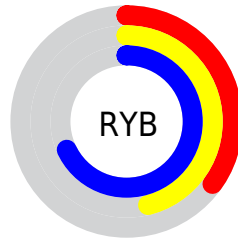
Distribution



Red (35%)

Green (52%)

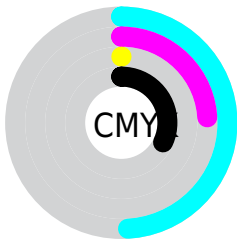
Blue (68%)



Red (35%)

Yellow (46%)

Blue (68%)

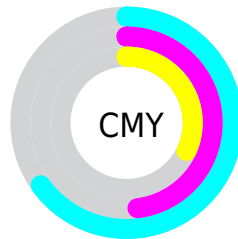


Cyan (49%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (65%)

Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5985AE 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 5985AE by changing the saturation by 10% instead.

■ 5985AE

■ 5985AE

FFFFFF

■ 3E6C93

■ 8FBAE6

■ 215479

■ ABD6FF

■ 003D60

■ C7F2FF

■ 002748

■ E4FFFF

■ 001332

■ 00021C

■ 000000

■ 5985AE

■ 5985AE

■ 487DAE

■ 6A8DAE

■ 3674AE

■ 7C96AE

■ 256CAE

■ 8D9EAE

■ 1363AE

■ 9FA7AE

■ 025BAE

■ B0AFAE

■ 005AAE

■ C1B7AE

■ D3C0AE

■ E4C8AE

■ F6D1AE

Harmonies

Analogous

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



3A8BA5



5985AE



7C7DAB

Triad

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



5985AE



AF7171



658A64

Complementary

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



5985AE



AE8259

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.



7F8556



5985AE



A7765E

Square

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



5985AE



AA7088



967E54



4A8D7A

Rectangle

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



5985AE



9078A3



967E54



6E895F

Sweetspot

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



5985AE



C1D3E3



59AE81



5E6973



F2F2F2



737373

Same Dimension

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



5985AE



5DA2E3



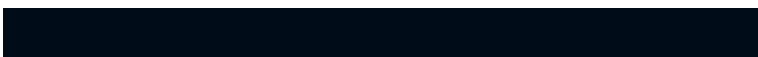
595CAE



4E5357



004E96



000C17

Inverse Universe

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



AE5985



E35DA2



AEAB59



574E53



96004E



17000C

Previews

White Background



This preview shows how the Hex color 5985AE looks on a white background.

Color Contrast Check

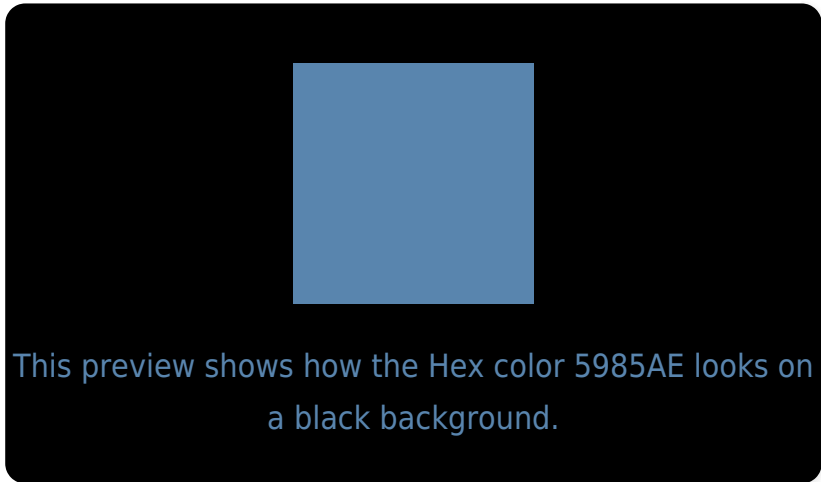
Large Text (above 18pt) WCAG AA ✓ Pass

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

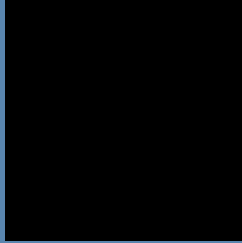
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

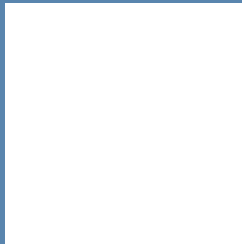
Any Text WCAG AAA × Fail

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

Hex 5985AE Background



This preview shows how black text looks on a background with the Hex color 5985AE.



This preview shows how white text looks on a background with the Hex color 5985AE.

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



Original Color
5985AE

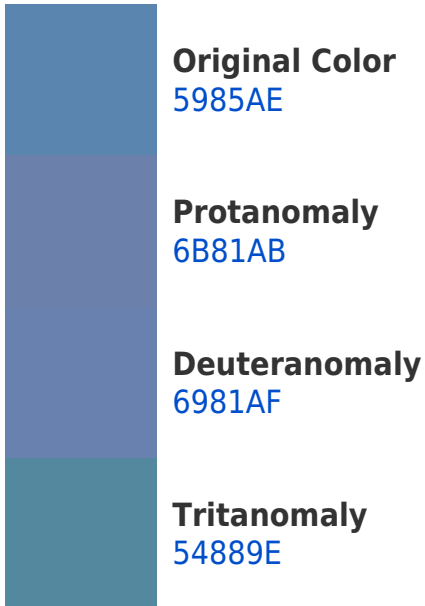
Protanopia
757FA9

Deuteranopia
727FAF

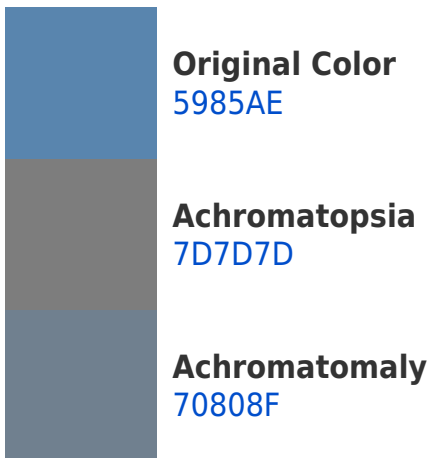


Tritanopia
518A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5985AE 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 #5985AE looks like.

```
.text, #text, p{  
    color:#5985AE  
}
```

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 #5985AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5985AE
}
```

Border

The CSS property to change the border of an element to Hex 5985AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

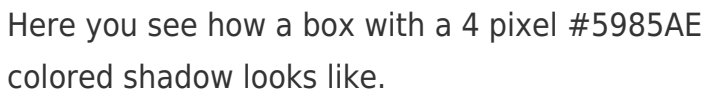
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5985AE }
```

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

```
.border{ border-color:#5985AE }
```

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



Here you see how a box with a 4 pixel #5985AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5985AE; -webkit-box-shadow:4px 4px  
4px 4px #5985AE; box-shadow:4px 4px 4px  
4px #5985AE }
```

Background

The CSS property to change the background color of an element to Hex 5985AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5985AE }
```

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

```
.background{ background-color:#5985AE }
```

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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