

Converting Colors

Hex(5985AD)

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

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Color

Hex(5985AD)

Conversions

Conversions Part 1

Format	Color
Hex	5985AD
RGB	89, 133, 173
RGB Percent	35%, 52%, 68%
CMY	0.6510, 0.4784, 0.3216
CMYK	0.49, 0.23, 0.00, 0.32
HSL	209°, 34%, 51%
HSV	209°, 49%, 68%
XYZ	20.0502, 21.9160, 42.7086
YIQ	124.4040, -39.0640, 3.1120

Conversions

Conversions Part 2

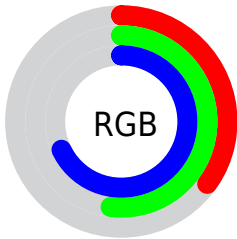
Format	Color
R_{YB}	89, 118, 173
Decimal	5866925
CIE _{Lab}	53.94, -3.81, -25.82
CIE _{LCh}	54, 26.100, 261.601
Yxy	21.9160, 0.2368, 0.2588
Android (android.graphics.Color)	4284057005 (0xFF5985AD)
YUV	124.4040, 23.9578, -31.0493
Hunter-Lab	46.8146, -5.4758, -21.3197

Details

The Hex color **5985AD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD8159**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8FBAE5**, and **215478** is the 20% darker color. If you saturate the color by 10%, you get **487DAD**, and if you desaturate by 10%, it is **6A8DAD**.

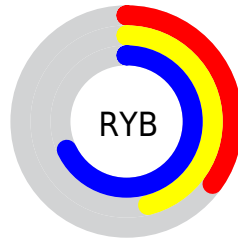
Distribution



Red (35%)

Green (52%)

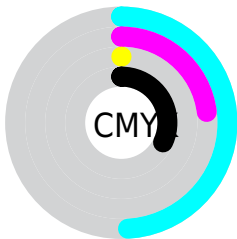
Blue (68%)



Red (35%)

Yellow (46%)

Blue (68%)

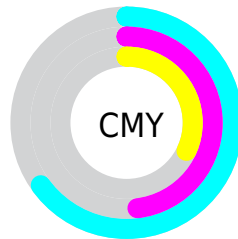


Cyan (49%)

Magenta (23%)

Yellow (0%)

Black (32%)



Cyan (65%)

Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 5985AD

■ 5985AD

FFFFFF

■ 3E6C92

■ 8FBAE5

■ 215478

■ ABD6FF

■ 003D60

■ C7F2FF

■ 002748

■ E4FFFF

■ 001331

■ 00011C

■ 000000

■ 5985AD

■ 5985AD

■ 487DAD

■ 6A8DAD

■ 3675AD

■ 7C95AD

■ 256CAD

■ 8D9EAD

■ 1464AD

■ 9EA6AD

■ 025CAD

■ B0AEAD

■ 005BAD

■ C1B6AD

■ D2BFAD

■ E3C7AD

■ F5CFAD

Harmonies

Analogous

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



3C8AA3



5985AD



7B7DAB

Triad

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



5985AD



AE7171



668A64

Complementary

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



5985AD



AD8159

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.



808557



5985AD



A7765F

Square

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



5985AD



A97188



967D55



4B8D7A

Rectangle

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



5985AD



8F78A3



967D55



6F885F

Sweetspot

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



5985AD



BFD0E0



59AD80



5C6770



F0F0F0



707070

Same Dimension

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



5985AD



5EA2E0



595CAD



4E5357



004F96



000C17

Inverse Universe

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



AD5985



E05EA2



ADAA59



574E53



96004F



17000C

Previews

White Background



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

Color Contrast Check

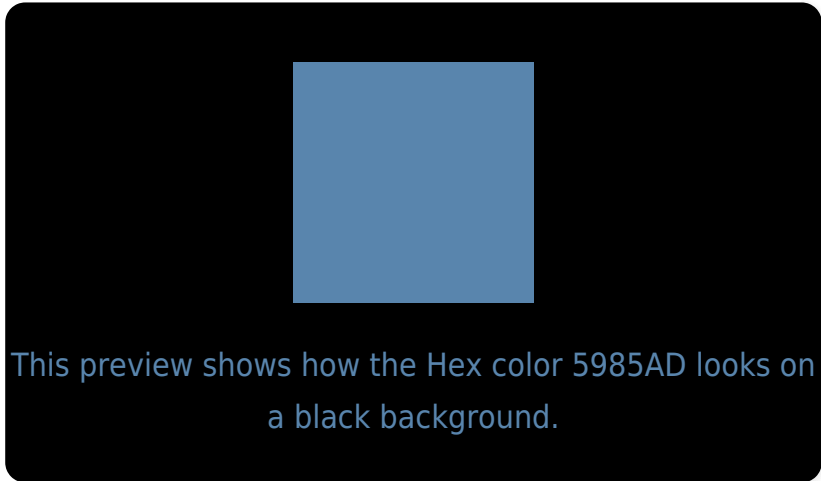
Large Text (above 18pt) WCAG AA ✓ Pass

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

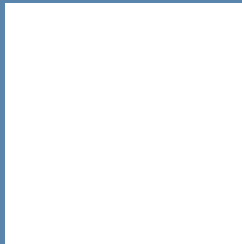
Any Text WCAG AAA × Fail

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

Hex 5985AD Background



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

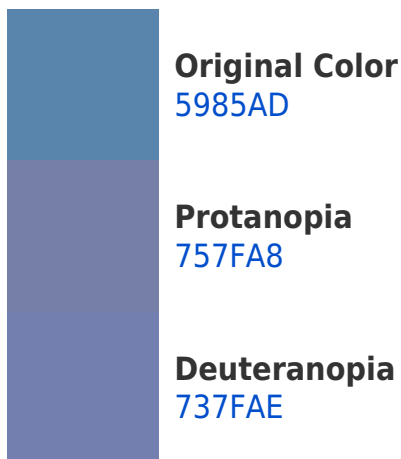


This preview shows how white text looks on a background with the Hex color 5985AD.

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](#).

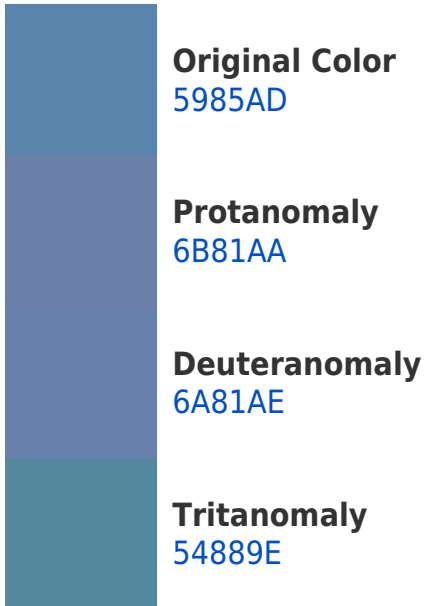
Dichromacy



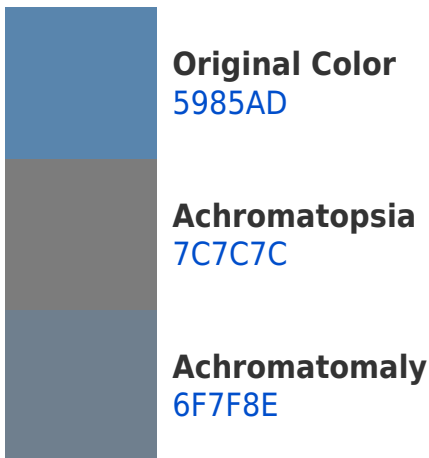


Tritanopia
518995

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5985AD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 5985AD 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
#5985AD }
```

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

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

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

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

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

Background

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

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

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

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

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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