

Converting Colors

Hex(5789B5)

Have a look what the booklet for
Hex(5789B5) contains.

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Color

Hex(5789B5)

Conversions

Conversions Part 1

Format	Color
Hex	5789B5
RGB	87, 137, 181
RGB Percent	34%, 54%, 71%
CMY	0.6588, 0.4627, 0.2902
CMYK	0.52, 0.24, 0.00, 0.29
HSL	208°, 39%, 53%
HSV	208°, 52%, 71%
XYZ	21.2166, 23.2538, 47.0862
YIQ	127.0660, -43.9240, 3.0840

Conversions

Conversions Part 2

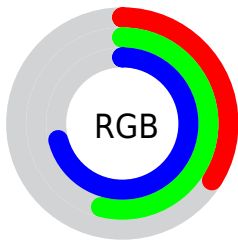
Format	Color
R _Y B	87, 120, 181
Decimal	5736885
CIE Lab	55.33, -4.16, -28.26
CIE LCh	55, 28.560, 261.621
Yxy	23.2538, 0.2317, 0.2540
Android (android.graphics.Color)	4283926965 (0xFF5789B5)
YUV	127.0660, 26.5895, -35.1379
Hunter-Lab	48.2221, -5.8529, -24.1379

Details

The Hex color **5789B5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B58357**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8EBEED**, and **1B5780** is the 20% darker color. If you saturate the color by 10%, you get **4581B5**, and if you desaturate by 10%, it is **6991B5**.

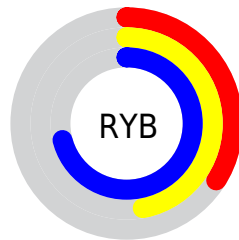
Distribution



Red (34%)

Green (54%)

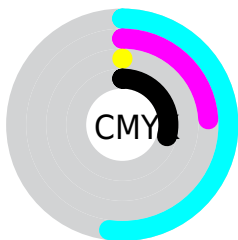
Blue (71%)



Red (34%)

Yellow (47%)

Blue (71%)

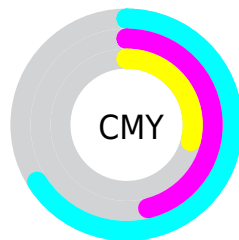


Cyan (52%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (66%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5789B5 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 5789B5 by changing the saturation by 10% instead.

■ 5789B5

■ 5789B5

FFFFFF

■ 3B709A

■ 8EBEED

■ 1B5780

■ AADAFF

■ 004067

■ C7F6FF

■ 002A4E

■ E4FFFF

■ 001637

■ 000222

■ 000007

■ 000000

■ 5789B5

■ 5789B5

■ 4581B5

■ 6991B5

■ 3378B5

■ 7B9AB5

■ 2170B5

■ 8DA2B5

■ 0F67B5

■ 9FABB5

■ 0060B5

■ B2B3B5

■ C4BCB5

■ D6C4B5

■ E8CDB5

■ FAD5B5

Harmonies

Analogous

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



338FAB



5789B5



7E81B2

Triad

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



5789B5



B57273



678E65

Complementary

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



5789B5



B58357

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.



838956



5789B5



AE785F

Square

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



5789B5



B0728D



9C8154



48927C

Rectangle

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



5789B5



947BAA



9C8154



708D5F

Sweetspot

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



5789B5



C5D9EB



57B583



5F6B75



F5F5F5



757575

Same Dimension

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



5789B5



59A7EB



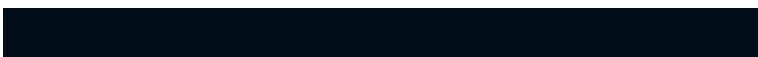
575AB5



505559



005199



000E1A

Inverse Universe

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



B55789



EB59A7



B5B257



595055



990051



1A000E

Previews

White Background



This preview shows how the Hex color 5789B5 looks on a white background.

Color Contrast Check

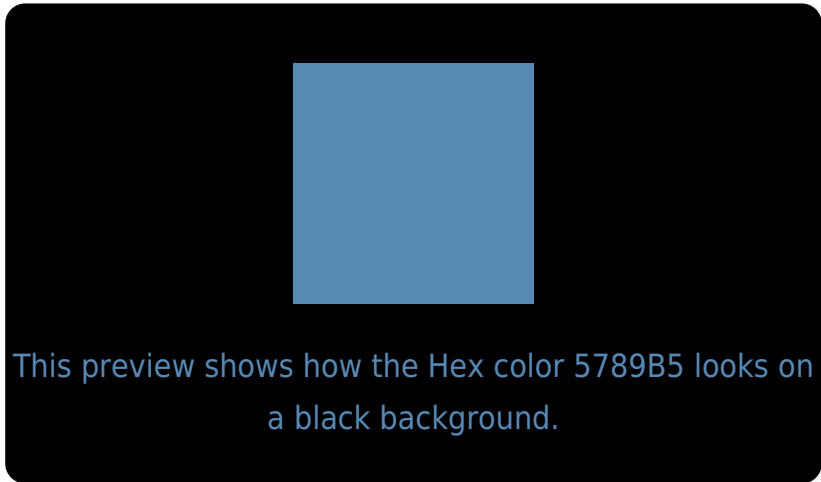
Large Text (above 18pt) WCAG AA ✓ Pass

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

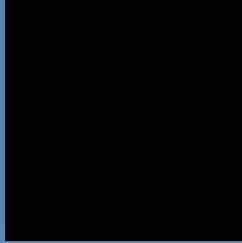
Any Text WCAG AA ✓ Pass

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 5789B5 Background



This preview shows how black text looks on a background with the Hex color 5789B5.

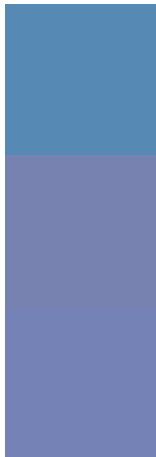


This preview shows how white text looks on a background with the Hex color 5789B5.

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](#).

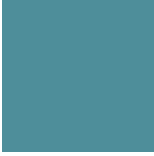
Dichromacy



Original Color
5789B5

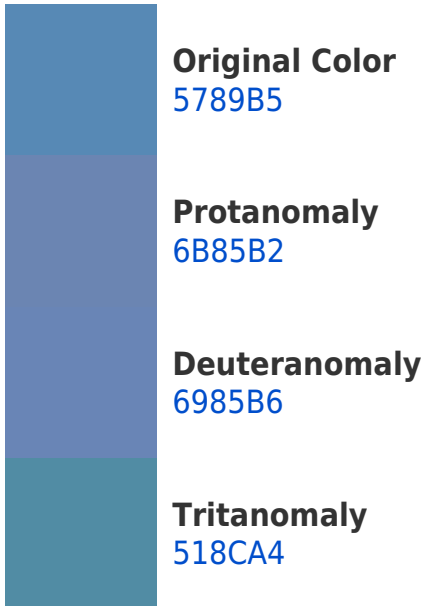
Protanopia
7782B0

Deuteranopia
7482B6

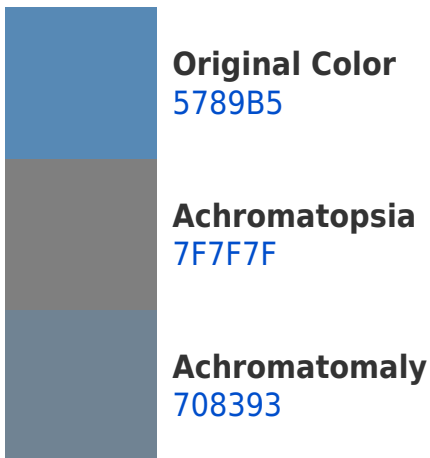


Tritanopia
4E8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5789B5 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 #5789B5 looks like.

```
.text, #text, p{  
  color:#5789B5  
}
```

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 #5789B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5789B5
}
```

Border

The CSS property to change the border of an element to Hex 5789B5 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
#5789B5 }
```

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

```
.border{ border-color:#5789B5 }
```

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

Here you see how a box with a 4 pixel #5789B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5789B5; -webkit-box-shadow:4px 4px  
4px 4px #5789B5; box-shadow:4px 4px 4px  
4px #5789B5 }
```

Background

The CSS property to change the background color of an element to Hex 5789B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5789B5 }
```

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

```
.background{ background-color:#5789B5 }
```

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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