

Converting Colors

Hex(559EBD)

Have a look what the booklet for
Hex(559EBD) contains.

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Color

Hex(559EBD)

Conversions

Conversions Part 1

Format	Color
Hex	559EBD
RGB	85, 158, 189
RGB Percent	33%, 62%, 74%
CMY	0.6667, 0.3804, 0.2588
CMYK	0.55, 0.16, 0.00, 0.26
HSL	198°, 44%, 54%
HSV	198°, 55%, 74%
XYZ	25.1585, 30.0591, 52.6201
YIQ	139.7070, -53.4590, -5.8350

Conversions

Conversions Part 2

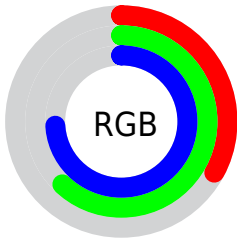
Format	Color
R_{YB}	85, 128, 189
Decimal	5611197
CIE _{Lab}	61.71, -13.90, -22.98
CIE _{LCh}	62, 26.854, 238.823
Yxy	30.0591, 0.2333, 0.2787
Android (android.graphics.Color)	4283801277 (0xFF559EBD)
YUV	139.7070, 24.3014, -47.9780
Hunter-Lab	54.8262, -14.0364, -18.5259

Details

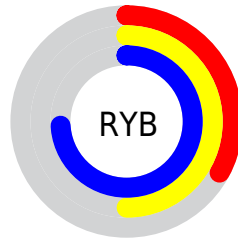
The Hex color **559EBD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD7455**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8ED5F5**, and **106B88** is the 20% darker color. If you saturate the color by 10%, you get **4298BD**, and if you desaturate by 10%, it is **68A4BD**.

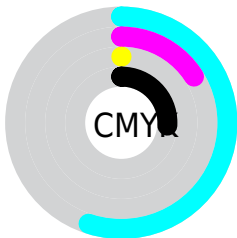
Distribution



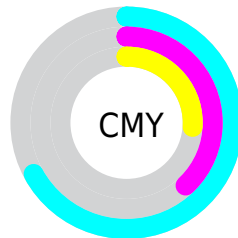
- Red (33%)
- Green (62%)
- Blue (74%)



- Red (33%)
- Yellow (50%)
- Blue (74%)



- Cyan (55%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 559EBD 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 559EBD by changing the saturation by 10% instead.

 559EBD

 559EBD

FFFFFF

 3784A2

 8ED5F5

 106B88

 AAF1FF

 00526E

 C7FFFF

 003B56

 E4FFFF

 00253E

 000E28

 000113

 000000

 559EBD

 559EBD

■ 4298BD

■ 68A4BD

■ 2F93BD

■ 7BA9BD

■ 1C8DBD

■ 8EAFBD

■ 0987BD

■ A1B5BD

■ 0085BD

■ B3BABD

■ C6C0BD

■ D9C5BD

■ ECCBBD

■ FFD1BD

Harmonies

Analogous

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



49A2AB



559EBD



7598C4

Triad

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



559EBD



C28397



8E9B6B

Complementary

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



559EBD



BD7455

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.



A79366



559EBD



C4857F

Square

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



559EBD



B388AE



BA8B6D



72A07C

Rectangle

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



559EBD



8C92C2



BA8B6D



969868

Sweetspot

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



559EBD



CBE8F5



55BD72



62737A



FAFAFA



7A7A7A

Same Dimension

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



559EBD



53C5F5



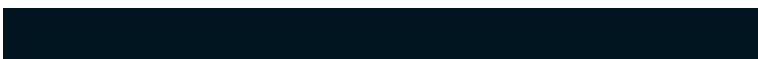
556CBD



555C5E



006F9E



00151F

Inverse Universe

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



BD559E



F553C5



BDA655



5E555C



9E006F



1F0015

Previews

White Background



This preview shows how the Hex color 559EBD looks on a white background.

Color Contrast Check

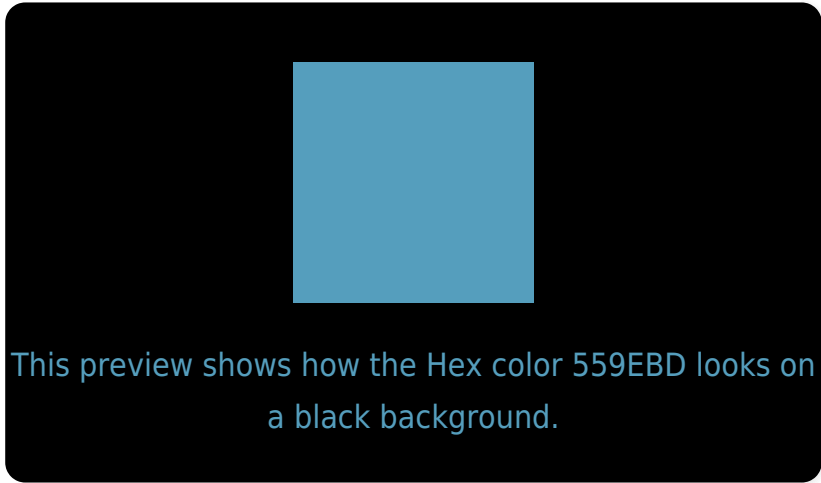
Large Text (above 18pt) WCAG AA × Fail

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

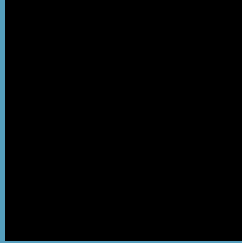
Any Text WCAG AA ✓ Pass

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 559EBD Background



This preview shows how black text looks on a background with the Hex color 559EBD.

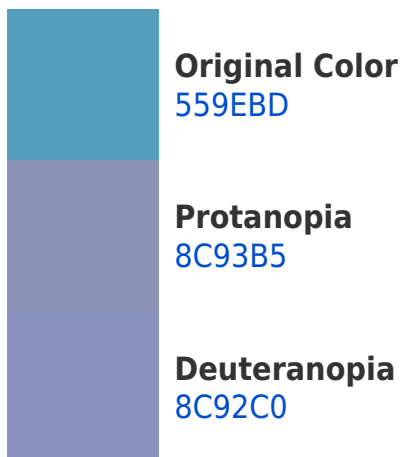


This preview shows how white text looks on a background with the Hex color 559EBD.

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](#).

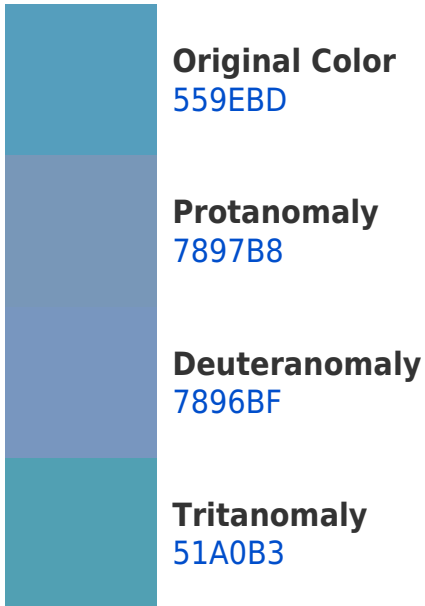
Dichromacy



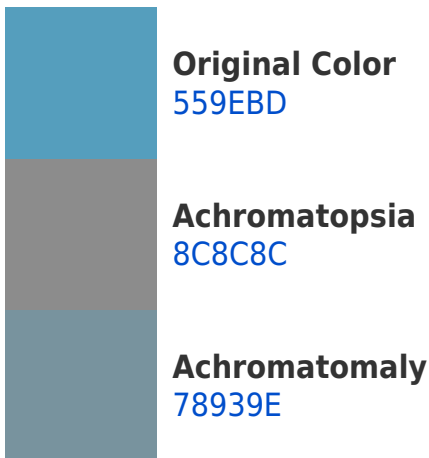


Tritanopia
4FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 559EBD 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 #559EBD looks like.

```
.text, #text, p{  
    color:#559EBD  
}
```

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 #559EBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559EBD
}
```

Border

The CSS property to change the border of an element to Hex 559EBD 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
#559EBD }
```

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

```
.border{ border-color:#559EBD }
```

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

Here you see how a box with a 4 pixel #559EBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559EBD; -webkit-box-shadow:4px 4px  
4px 4px #559EBD; box-shadow:4px 4px 4px  
4px #559EBD }
```

Background

The CSS property to change the background color of an element to Hex 559EBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559EBD }
```

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

```
.background{ background-color:#559EBD }
```

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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