

Converting Colors

Hex(558DBD)

Have a look what the booklet for
Hex(558DBD) contains.

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Color

Hex(558DBD)

Conversions

Conversions Part 1

Format	Color
Hex	558DBD
RGB	85, 141, 189
RGB Percent	33%, 55%, 74%
CMY	0.6667, 0.4471, 0.2588
CMYK	0.55, 0.25, 0.00, 0.26
HSL	208°, 44%, 54%
HSV	208°, 55%, 74%
XYZ	22.4565, 24.6552, 51.7195
YIQ	129.7280, -48.7840, 3.0560

Conversions

Conversions Part 2

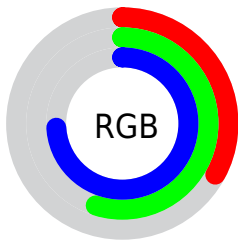
Format	Color
R_{YB}	85, 121, 189
Decimal	5606845
CIE _{Lab}	56.74, -4.42, -30.64
CIE _{LCh}	57, 30.956, 261.788
Yxy	24.6552, 0.2272, 0.2495
Android (android.graphics.Color)	4283796925 (0xFF558DBD)
YUV	129.7280, 29.2211, -39.2265
Hunter-Lab	49.6540, -6.1661, -26.9985

Details

The Hex color **558DBD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BD8555**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8DC2F5**, and **135B87** is the 20% darker color. If you saturate the color by 10%, you get **4284BD**, and if you desaturate by 10%, it is **6896BD**.

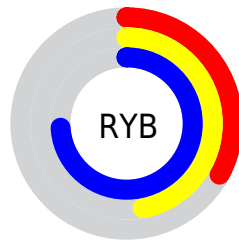
Distribution



Red (33%)

Green (55%)

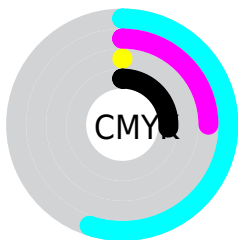
Blue (74%)



Red (33%)

Yellow (47%)

Blue (74%)

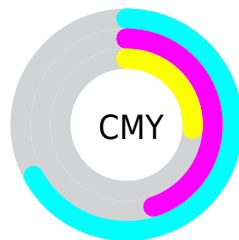


Cyan (55%)

Magenta (25%)

Yellow (0%)

Black (26%)



Cyan (67%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558DBD 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 558DBD by changing the saturation by 10% instead.

■ 558DBD

FFFFFF

■ 8DC2F5

■ AADEFF

■ C6FBFF

■ E4FFFF

■ 558DBD

■ 3874A2

■ 135B87

■ 00446E

■ 002E55

■ 001A3E

■ 000328

■ 000111

■ 000000

■ 558DBD

■ 558DBD

■ 4284BD

■ 6896BD

■ 2F7CBD

■ 7B9EBD

■ 1C73BD

■ 8EA7BD

■ 096ABD

■ A1B0BD

■ 0066BD

■ B3B9BD

■ C6C1BD

■ D9CABD

■ ECD3BD

■ FFDCBD

Harmonies

Analogous

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



2993B2



558DBD



8184BA

Triad

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



558DBD



BD7475



679366

Complementary

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



558DBD



BD8555

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.



868D55



558DBD



B47B5F

Square

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



558DBD



B87491



A18453



449680

Rectangle

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



558DBD



997DB0



A18453



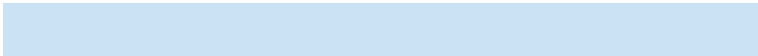
72915F

Sweetspot

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



558DBD



CBE2F5



55BD84



626F7A



FAFAFA



7A7A7A

Same Dimension

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



558DBD



53AAF5



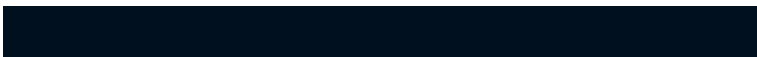
555ABD



555A5E



00559E



00101F

Inverse Universe

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



BD558D



F553AA



BDB855



5E555A



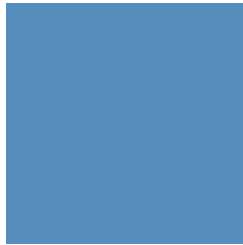
9E0055



1F0010

Previews

White Background



This preview shows how the Hex color 558DBD looks on a white background.

Color Contrast Check

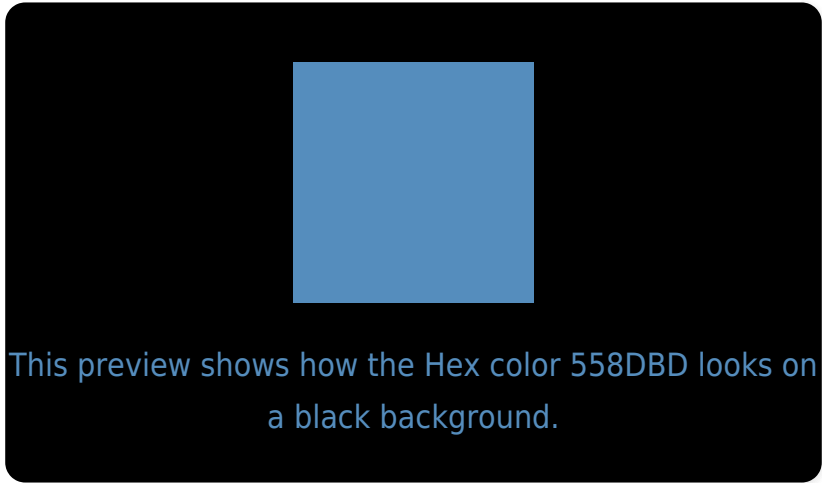
Large Text (above 18pt) WCAG AA ✓ Pass

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 558DBD Background



This preview shows how black text looks on a background with the Hex color 558DBD.




This preview shows how white text looks on a background with the Hex color 558DBD.

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](#).

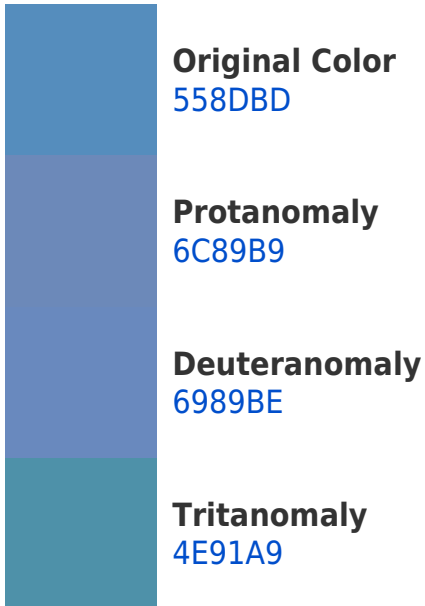
Dichromacy



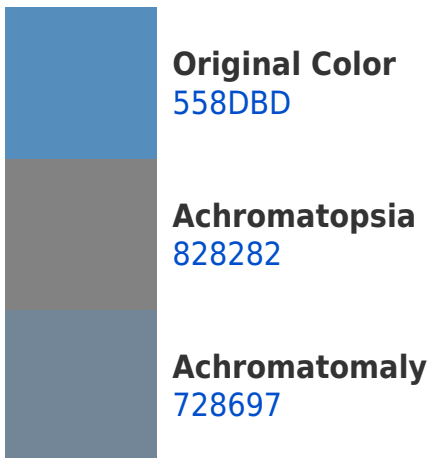


Tritanopia
4A939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 558DBD 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 #558DBD looks like.

```
.text, #text, p{  
    color:#558DBD  
}
```

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 #558DBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558DBD
}
```

Border

The CSS property to change the border of an element to Hex 558DBD 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
#558DBD }
```

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

```
.border{ border-color:#558DBD }
```

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

Here you see how a box with a 4 pixel #558DBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558DBD; -webkit-box-shadow:4px 4px  
4px 4px #558DBD; box-shadow:4px 4px 4px  
4px #558DBD }
```

Background

The CSS property to change the background color of an element to Hex 558DBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558DBD }
```

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

```
.background{ background-color:#558DBD }
```

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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