

Converting Colors

Hex(578DB0)

Have a look what the booklet for
Hex(578DB0) contains.

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Color

Hex(578DB0)

Conversions

Conversions Part 1

Format	Color
Hex	578DB0
RGB	87, 141, 176
RGB Percent	34%, 55%, 69%
CMY	0.6588, 0.4471, 0.3098
CMYK	0.51, 0.20, 0.00, 0.31
HSL	204°, 36%, 52%
HSV	204°, 51%, 69%
XYZ	21.2918, 24.2106, 44.6252
YIQ	128.8440, -43.4190, -0.5630

Conversions

Conversions Part 2

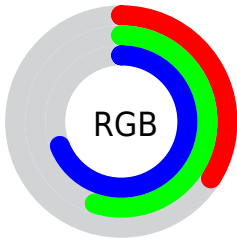
Format	Color
R _Y B	87, 121, 176
Decimal	5737904
CIE Lab	56.30, -7.96, -23.91
CIE LCh	56, 25.200, 251.576
Yxy	24.2106, 0.2362, 0.2686
Android (android.graphics.Color)	4283927984 (0xFF578DB0)
YUV	128.8440, 23.2479, -36.6972
Hunter-Lab	49.2042, -8.8663, -19.3294

Details

The Hex color **578DB0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B07A57**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8EC3E8**, and **1C5B7B** is the 20% darker color. If you saturate the color by 10%, you get **4586B0**, and if you desaturate by 10%, it is **6994B0**.

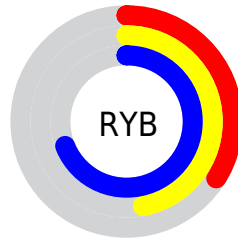
Distribution



Red (34%)

Green (55%)

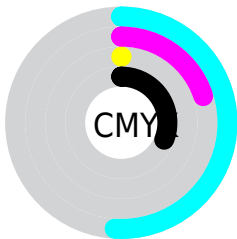
Blue (69%)



Red (34%)

Yellow (47%)

Blue (69%)

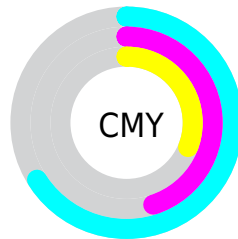


Cyan (51%)

Magenta (20%)

Yellow (0%)

Black (31%)



Cyan (66%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578DB0 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 578DB0 by changing the saturation by 10% instead.

■ 578DB0

■ 578DB0

FFFFFF

■ 3B7395

■ 8EC3E8

■ 1C5B7B

■ AADEFF

■ 004462

■ C6FBFF

■ 002D4A

■ E3FFFF

■ 001933

■ 00021E

■ 000001

■ 000000

■ 578DB0

■ 578DB0

■ 4586B0

■ 6994B0

■ 347FB0

■ 7A9BB0

■ 2278B0

■ 8CA2B0

■ 1171B0

■ 9DA9B0

■ 006BB0

■ AFB0B0

■ C1B7B0

■ D2BDB0

■ E4C4B0

■ F5CBB0

Harmonies

Analogous

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



4291A3



578DB0



7786B2

Triad

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



578DB0



B3777F



758E66

Complementary

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



578DB0



B07A57

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.



8E885C



578DB0



B07A6B

Square

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



578DB0



AA7895



A2815E



5C9278

Rectangle

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



578DB0



8C81AC



A2815E



7E8D61

Sweetspot

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



578DB0



C3D8E6



57B079



5E6B73



F2F2F2



737373

Same Dimension

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



578DB0



5AAEE6



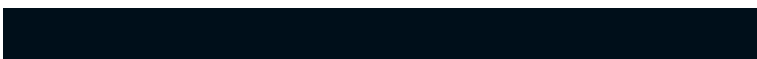
5761B0



505659



005D99



000F1A

Inverse Universe

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



B0578D



E65AAE



B0A657



595056



99005D



1A000F

Previews

White Background



This preview shows how the Hex color 578DB0 looks on a white background.

Color Contrast Check

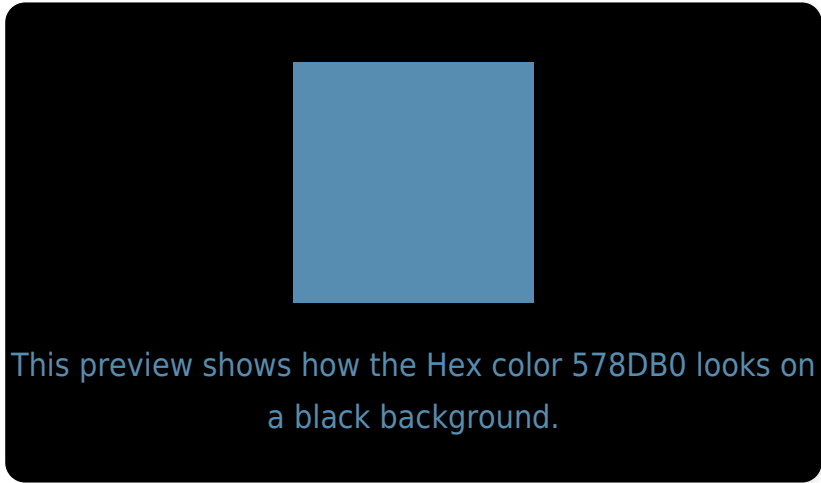
Large Text (above 18pt) WCAG AA ✓ Pass

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

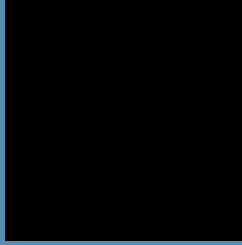
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

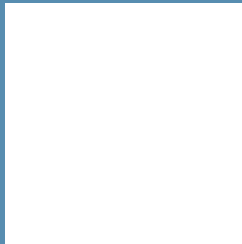
Any Text WCAG AAA × Fail

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

Hex 578DB0 Background



This preview shows how black text looks on a background with the Hex color 578DB0.



This preview shows how white text looks on a background with the Hex color 578DB0.

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](#).

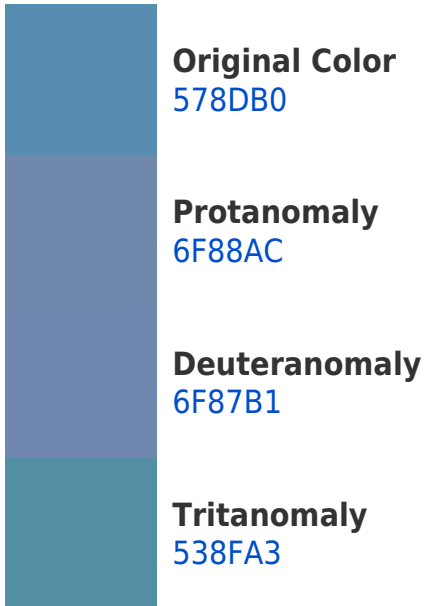
Dichromacy





Tritanopia
50909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578DB0 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 #578DB0 looks like.

```
.text, #text, p{  
    color:#578DB0  
}
```

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 #578DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578DB0
}
```

Border

The CSS property to change the border of an element to Hex 578DB0 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
#578DB0 }
```

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

```
.border{ border-color:#578DB0 }
```

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

Here you see how a box with a 4 pixel #578DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578DB0; -webkit-box-shadow:4px 4px  
4px 4px #578DB0; box-shadow:4px 4px 4px  
4px #578DB0 }
```

Background

The CSS property to change the background color of an element to Hex 578DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578DB0 }
```

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

```
.background{ background-color:#578DB0 }
```

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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