

Converting Colors

Hex(5680B0)

Have a look what the booklet for
Hex(5680B0) contains.

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Color

Hex(5680B0)

Conversions

Conversions Part 1

Format	Color
Hex	5680B0
RGB	86, 128, 176
RGB Percent	34%, 50%, 69%
CMY	0.6627, 0.4980, 0.3098
CMYK	0.51, 0.27, 0.00, 0.31
HSL	212°, 36%, 51%
HSV	212°, 51%, 69%
XYZ	19.3934, 20.5514, 44.0190
YIQ	120.9140, -40.4400, 6.0240

Conversions

Conversions Part 2

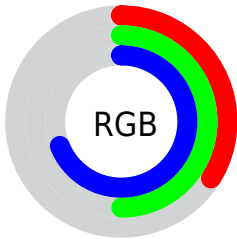
Format	Color
R_{YB}	86, 115, 176
Decimal	5669040
CIE _{Lab}	52.45, -0.71, -29.86
CIE _{LCh}	52, 29.867, 268.644
Yxy	20.5514, 0.2310, 0.2448
Android (android.graphics.Color)	4283859120 (0xFF5680B0)
YUV	120.9140, 27.1574, -30.6196
Hunter-Lab	45.3336, -2.9728, -25.8371

Details

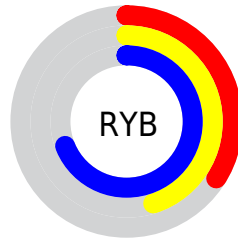
The Hex color **5680B0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B08656**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8DB5E8**, and **1B4F7B** is the 20% darker color. If you saturate the color by 10%, you get **4477B0**, and if you desaturate by 10%, it is **6889B0**.

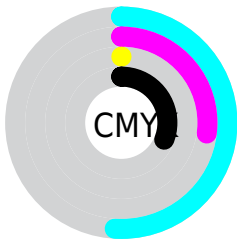
Distribution



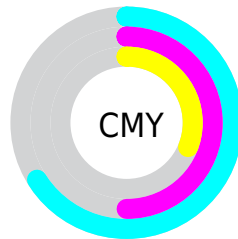
- Red (34%)
- Green (50%)
- Blue (69%)



- Red (34%)
- Yellow (45%)
- Blue (69%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5680B0 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 5680B0 by changing the saturation by 10% instead.

■ 5680B0

■ 5680B0

FFFFFF

■ 3A6795

■ 8DB5E8

■ 1B4F7B

■ A9D0FF

■ 003962

■ C5ECFF

■ 00234A

■ E2FFFF

■ 000D33

■ 00021D

■ 000000

■ 5680B0

■ 5680B0

■ 4477B0

■ 6889B0

■ 336DB0

■ 7993B0

■ 2164B0

■ 8B9CB0

■ 105AB0

■ 9CA6B0

■ 0052B0

■ AEAFB0

■ C0B8B0

■ D1C2B0

■ E3CBB0

■ F4D4B0

Harmonies

Analogous

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



2887A8



5680B0



7E77AA

Triad

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



5680B0



AE6B66



568862

Complementary

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



5680B0



B08656

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.



75834F



5680B0



A37252

Square

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



5680B0



AD697F



8F7B4A



348B7B

Rectangle

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



5680B0



94719F



8F7B4A



61875A

Sweetspot

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



5680B0



C3D3E6



56B086



5E6873



F2F2F2



737373

Same Dimension

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



5680B0



5A9BE6



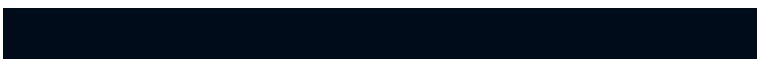
5956B0



505459



004799



000C1A

Inverse Universe

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



B05680



E65A9B



ADB056



595054



990047



1A000C

Previews

White Background



This preview shows how the Hex color 5680B0 looks on a white background.

Color Contrast Check

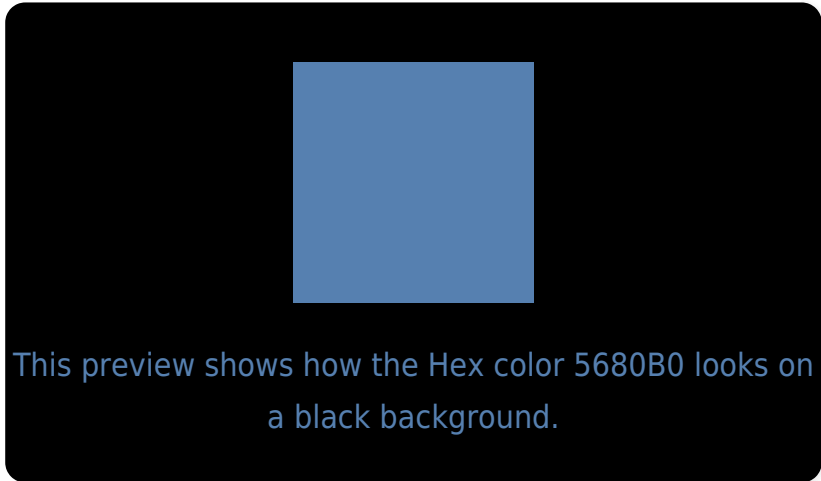
Large Text (above 18pt) WCAG AA ✓ Pass

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

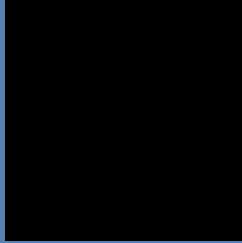
Any Text WCAG AA ✓ Pass

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 5680B0 Background



This preview shows how black text looks on a background with the Hex color 5680B0.

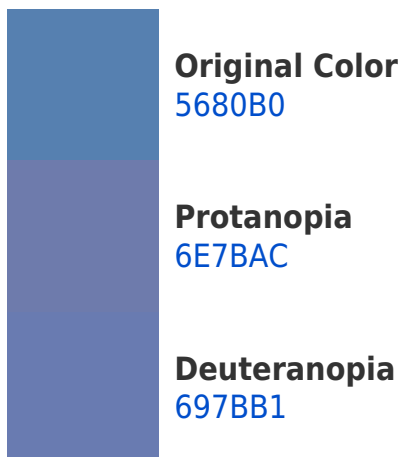



This preview shows how white text looks on a background with the Hex color 5680B0.

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](#).

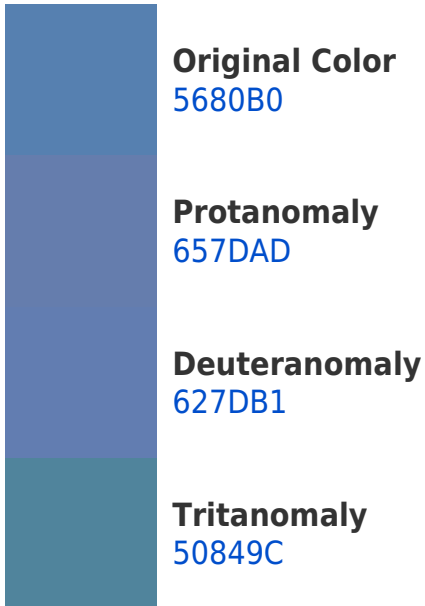
Dichromacy



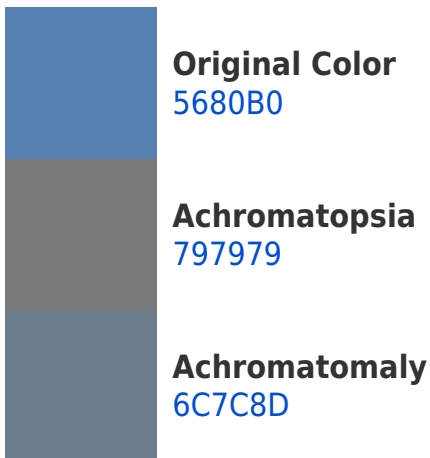


Tritanopia
4C8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5680B0 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 #5680B0 looks like.

```
.text, #text, p{  
    color:#5680B0  
}
```

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 #5680B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5680B0
}
```

Border

The CSS property to change the border of an element to Hex 5680B0 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
#5680B0 }
```

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

```
.border{ border-color:#5680B0 }
```

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

Here you see how a box with a 4 pixel #5680B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5680B0; -webkit-box-shadow:4px 4px  
4px 4px #5680B0; box-shadow:4px 4px 4px  
4px #5680B0 }
```

Background

The CSS property to change the background color of an element to Hex 5680B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5680B0 }
```

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

```
.background{ background-color:#5680B0 }
```

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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