

Converting Colors

Hex(5680BA)

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

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Color

Hex(5680BA)

Conversions

Conversions Part 1

Format	Color
Hex	5680BA
RGB	86, 128, 186
RGB Percent	34%, 50%, 73%
CMY	0.6627, 0.4980, 0.2706
CMYK	0.54, 0.31, 0.00, 0.27
HSL	215°, 42%, 53%
HSV	215°, 54%, 73%
XYZ	20.4198, 20.9619, 49.4242
YIQ	122.0540, -43.6500, 9.1340

Conversions

Conversions Part 2

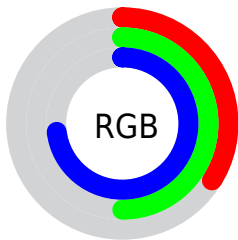
Format	Color
R _Y B	86, 116, 186
Decimal	5669050
CIE Lab	52.91, 2.45, -34.90
CIE LCh	53, 34.985, 274.008
Yxy	20.9619, 0.2249, 0.2308
Android (android.graphics.Color)	4283859130 (0xFF5680BA)
YUV	122.0540, 31.5254, -31.6194
Hunter-Lab	45.7842, -0.5110, -31.9548

Details

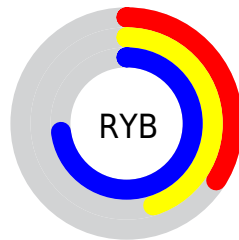
The Hex color **5680BA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9056**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8EB5F2**, and **174F84** is the 20% darker color. If you saturate the color by 10%, you get **4375BA**, and if you desaturate by 10%, it is **698BBA**.

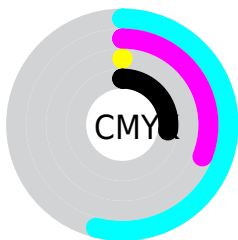
Distribution



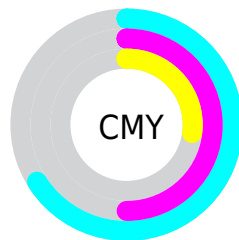
- Red (34%)
- Green (50%)
- Blue (73%)



- Red (34%)
- Yellow (45%)
- Blue (73%)



- Cyan (54%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (66%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 5680BA

■ 5680BA

FFFFFF

■ 39679F

■ 8EB5F2

■ 174F84

■ AAD0FF

■ 00396B

■ C6ECFF

■ 002452

■ E4FFFF

■ 000E3B

■ 000225

■ 00010D

■ 000000

■ 5680BA

■ 5680BA

■ 4375BA

■ 698BBA

■ 316ABA

■ 7B96BA

■ 1E60BA

■ 8EA0BA

■ 0C55BA

■ A0ABBA

■ 004EBA

■ B3B6BA

■ C6C1BA

■ D8CCBA

■ EBD6BA

■ FDE1BA

Harmonies

Analogous

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



0088B4



5680BA



8775B0

Triad

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



5680BA



B66A5E



488C63

Complementary

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



5680BA



BA9056

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.



6E864B



5680BA



A67349

Square

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



5680BA



B7667B



8D7E41



028E81

Rectangle

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



5680BA



9E6EA2



8D7E41



558A5A

Sweetspot

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



5680BA



CBDCF2



56BA8F



636D7A



FAFAFA



7A7A7A

Same Dimension

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



5680BA



5597F2



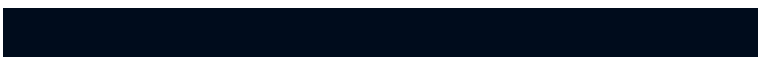
5D56BA



53565C



00419C



000C1C

Inverse Universe

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



BA5680



F25597



B3BA56



5C5356



9C0041



1C000C

Previews

White Background



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

Color Contrast Check

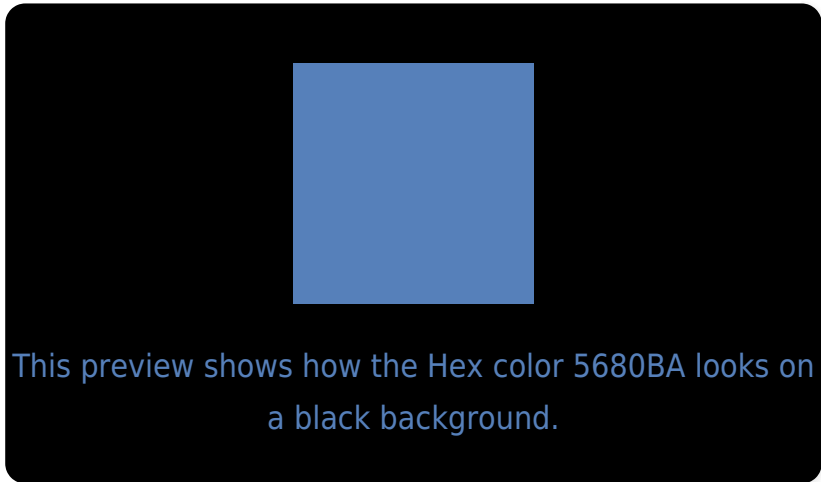
Large Text (above 18pt) WCAG AA ✓ Pass

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 5680BA Background



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

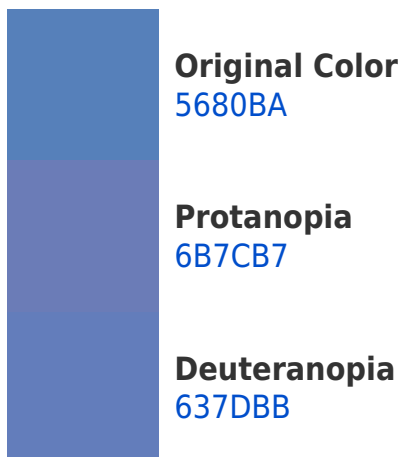


This preview shows how white text looks on a background with the Hex color 5680BA.

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](#).

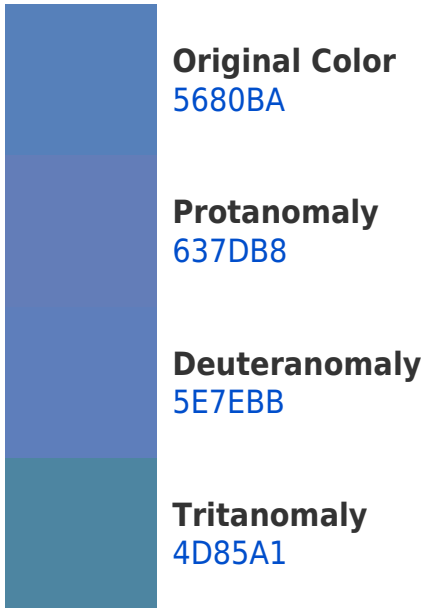
Dichromacy



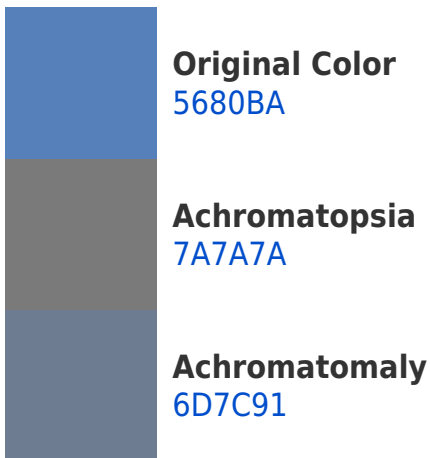


Tritanopia
488893

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5680BA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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