

Converting Colors

Hex(578FBA)

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

Hex(578FBA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(578FBA)

Conversions

Conversions Part 1

Format	Color
Hex	578FBA
RGB	87, 143, 186
RGB Percent	34%, 56%, 73%
CMY	0.6588, 0.4392, 0.2706
CMYK	0.53, 0.23, 0.00, 0.27
HSL	206°, 42%, 54%
HSV	206°, 53%, 73%
XYZ	22.6159, 25.2163, 50.1296
YIQ	131.1580, -47.1790, 1.5010

Conversions

Conversions Part 2

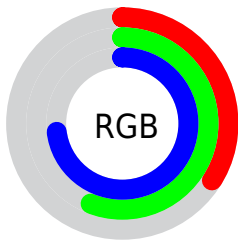
Format	Color
R _Y B	87, 123, 186
Decimal	5738426
CIE Lab	57.29, -6.05, -28.08
CIE LCh	57, 28.724, 257.835
Yxy	25.2163, 0.2309, 0.2574
Android (android.graphics.Color)	4283928506 (0xFF578FBA)
YUV	131.1580, 27.0371, -38.7266
Hunter-Lab	50.2159, -7.4862, -24.0371

Details

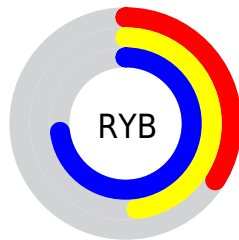
The Hex color **578FBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA8257**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8FC5F2**, and **195D85** is the 20% darker color. If you saturate the color by 10%, you get **4487BA**, and if you desaturate by 10%, it is **6A97BA**.

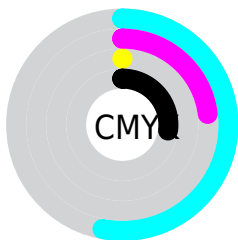
Distribution



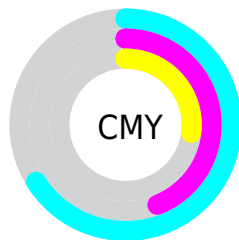
- Red (34%)
- Green (56%)
- Blue (73%)



- Red (34%)
- Yellow (48%)
- Blue (73%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (27%)



- Cyan (66%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 578FBA

■ 578FBA

FFFFFF

■ 3A759F

■ 8FC5F2

■ 195D85

■ ABE1FF

■ 00456B

■ C8FDFF

■ 002F53

■ E5FFFF

■ 001B3B

■ 000226

■ 00010E

■ 000000

■ 578FBA

■ 578FBA

■ 4487BA

■ 6A97BA

■ 327FBA

■ 7C9FBA

■ 1F77BA

■ 8FA7BA

■ 0D6FBA

■ A1AFBA

■ 0069BA

■ B4B7BA

■ C7BFBA

■ D9C8BA

■ ECD0BA

■ FED8BA

Harmonies

Analogous

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



3695AE



578FBA



7E87B9

Triad

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



578FBA



BB777B



6F9367

Complementary

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



578FBA



BA8257

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.



8B8D59



578FBA



B57C65

Square

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



578FBA



B47895



A48459



51967E

Rectangle

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



578FBA



9581B1



A48459



799161

Sweetspot

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



578FBA



CBE1F2



57BA82



63707A



FAFAFA



7A7A7A

Same Dimension

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



578FBA



57AFF2



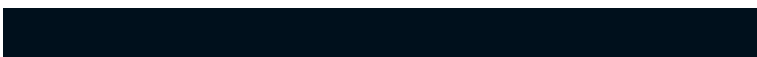
575EBA



53585C



00589C



00101C

Inverse Universe

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



BA578F



F257AF



BAB357



5C5358



9C0058



1C0010

Previews

White Background



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

Color Contrast Check

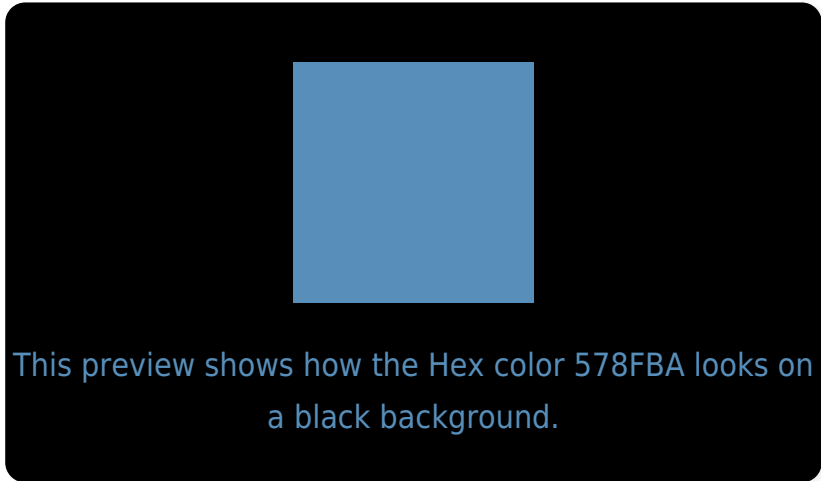
Large Text (above 18pt) WCAG AA ✓ Pass

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

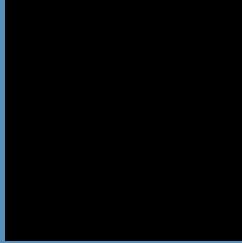
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

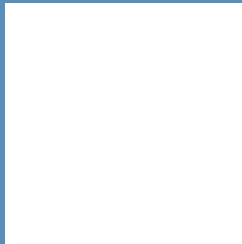
Any Text WCAG AAA × Fail

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

Hex 578FBA Background



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

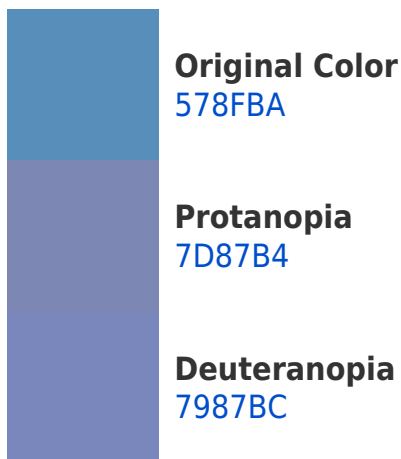


This preview shows how white text looks on a background with the Hex color 578FBA.

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](#).

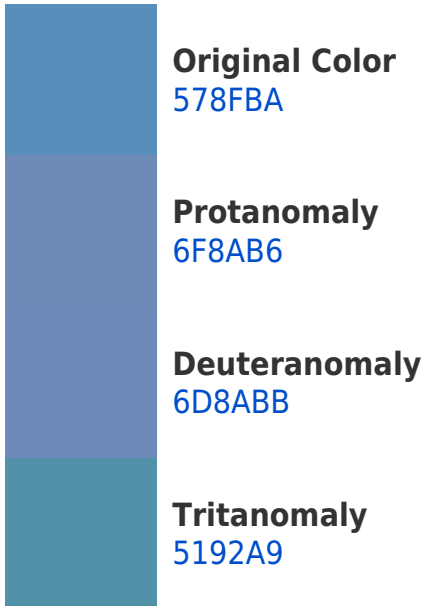
Dichromacy



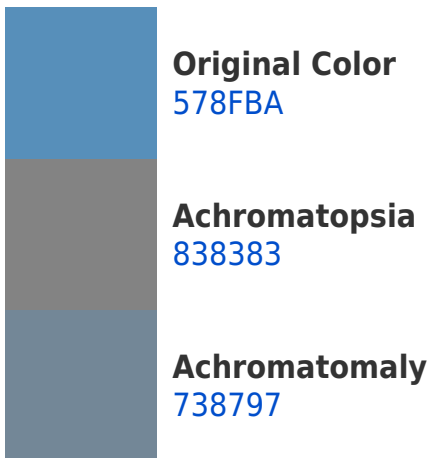


Tritanopia
4E94A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #578FBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor