

Converting Colors

Hex(567BC2)

Have a look what the booklet for
Hex(567BC2) contains.

Hex(567BC2)	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(567BC2)

Conversions

Conversions Part 1

Format	Color
Hex	567BC2
RGB	86, 123, 194
RGB Percent	34%, 48%, 76%
CMY	0.6627, 0.5176, 0.2392
CMYK	0.56, 0.37, 0.00, 0.24
HSL	219°, 47%, 55%
HSV	219°, 56%, 76%
XYZ	20.6583, 20.0394, 53.8181
YIQ	120.0310, -44.8430, 14.2370

Conversions

Conversions Part 2

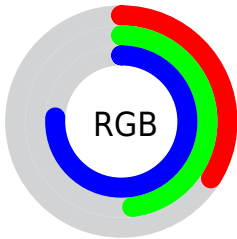
Format	Color
R _Y B	86, 114, 194
Decimal	5667778
CIE Lab	51.88, 8.03, -41.09
CIE LCh	52, 41.872, 281.056
Yxy	20.0394, 0.2186, 0.2120
Android (android.graphics.Color)	4283857858 (0xFF567BC2)
YUV	120.0310, 36.4667, -29.8452
Hunter-Lab	44.7654, 4.0347, -39.9442

Details

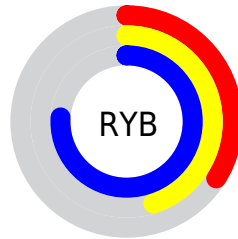
The Hex color **567BC2** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C29D56**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8FAFFB**, and **134B8C** is the 20% darker color. If you saturate the color by 10%, you get **436EC2**, and if you desaturate by 10%, it is **6988C2**.

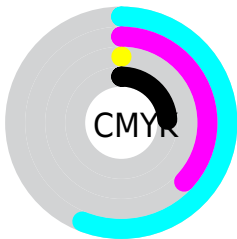
Distribution



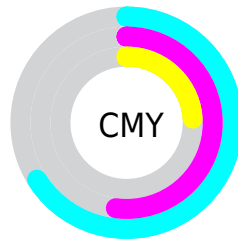
- Red (34%)
- Green (48%)
- Blue (76%)



- Red (34%)
- Yellow (45%)
- Blue (76%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (66%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567BC2 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 567BC2 by changing the saturation by 10% instead.

■ 567BC2

■ 567BC2

FFFFFF

■ 3862A7

■ 8FAFFB

■ 134B8C

■ ABCAFF

■ 003572

■ C8E7FF

■ 002059

■ E5FFFF

■ 000741

■ 00032A

■ 000115

■ 000000

■ 567BC2

■ 567BC2

■ 436EC2

■ 6988C2

■ 2F61C2

■ 7D95C2

■ 1C55C2

■ 90A1C2

■ 0848C2

■ A4AEC2

■ 0042C2

■ B7BBC2

■ CAC8C2

■ DED4C2

■ F1E1C2

■ FFEEC2

Harmonies

Analogous

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



0086BF



567BC2



906DB2

Triad

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



567BC2



B9654E



228C63

Complementary

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



567BC2



C29D56

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.



5D8743



567BC2



A37237

Square

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



567BC2



BF5D70



847E32



008E88

Rectangle

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



567BC2



A9649F



847E32



3B8B58

Sweetspot

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



567BC2



D2E0FC



56C29C



666F80



000000



808080

Same Dimension

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



567BC2



538DFC



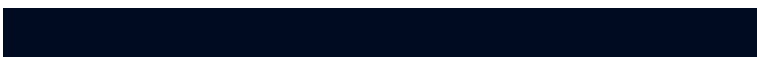
6656C2



575B61



0037A1



000B21

Inverse Universe

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



C2567B



FC538D



B2C256



61575B



A10037



21000B

Previews

White Background



This preview shows how the Hex color 567BC2 looks on a white background.

Color Contrast Check

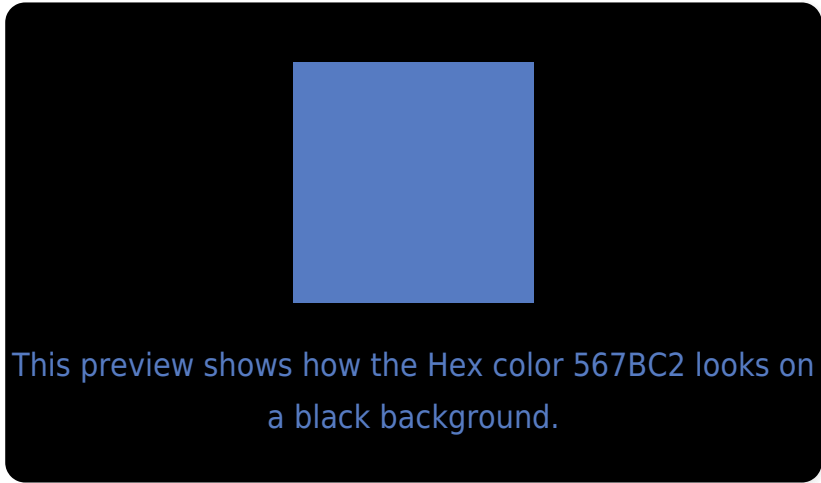
Large Text (above 18pt) WCAG AA ✓ Pass

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 567BC2 Background



This preview shows how black text looks on a background with the Hex color 567BC2.

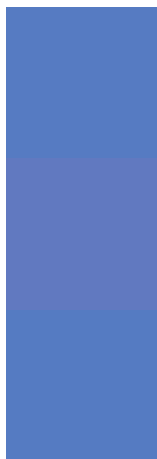


This preview shows how white text looks on a background with the Hex color 567BC2.

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



Original Color
567BC2

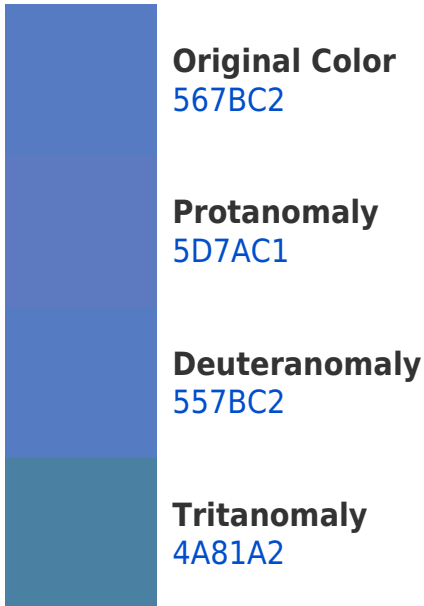
Protanopia
6179C0

Deuteranopia
557BC2

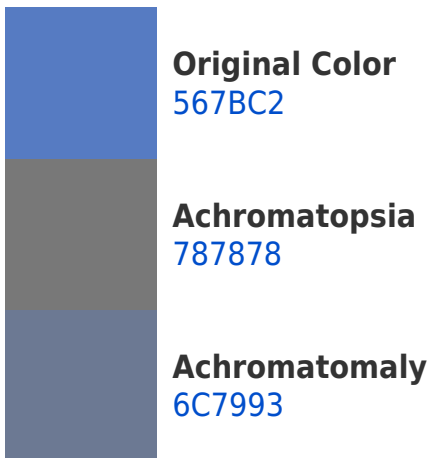


Tritanopia
438590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 567BC2 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 #567BC2 looks like.

```
.text, #text, p{  
    color:#567BC2  
}
```

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 #567BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567BC2
}
```

Border

The CSS property to change the border of an element to Hex 567BC2 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
#567BC2 }
```

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

```
.border{ border-color:#567BC2 }
```

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

Here you see how a box with a 4 pixel #567BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567BC2; -webkit-box-shadow:4px 4px  
4px 4px #567BC2; box-shadow:4px 4px 4px  
4px #567BC2 }
```

Background

The CSS property to change the background color of an element to Hex 567BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567BC2 }
```

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

```
.background{ background-color:#567BC2 }
```

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