

Converting Colors

Hex(5717BF)

Have a look what the booklet for
Hex(5717BF) contains.

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Color

Hex(5717BF)

Conversions

Conversions Part 1

Format	Color
Hex	5717BF
RGB	87, 23, 191
RGB Percent	34%, 9%, 75%
CMY	0.6588, 0.9098, 0.2510
CMYK	0.54, 0.88, 0.00, 0.25
HSL	263°, 79%, 42%
HSV	263°, 88%, 75%
XYZ	13.6408, 6.4006, 49.8067
YIQ	61.2880, -15.7840, 65.8160

Conversions

Conversions Part 2

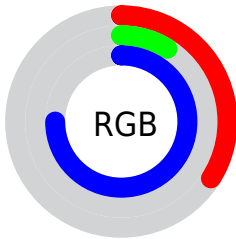
Format	Color
R_{YB}	87, 23, 191
Decimal	5707711
CIE _{Lab}	30.40, 61.77, -74.10
CIE _{LCh}	30, 96.471, 309.817
Yxy	6.4006, 0.1953, 0.0916
Android (android.graphics.Color)	4283897791 (0xFF5717BF)
YUV	61.2880, 63.9480, 22.5494
Hunter-Lab	25.2994, 51.9689, -99.0139

Details

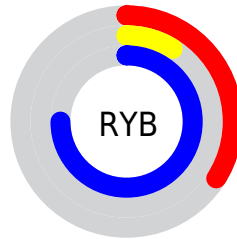
The Hex color **5717BF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7FBF17**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9450F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **4B04BF**, and if you desaturate by 10%, it is **632ABF**.

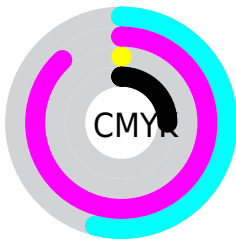
Distribution



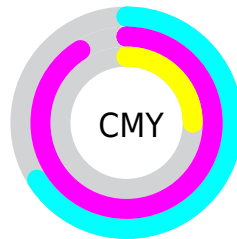
- Red (34%)
- Green (9%)
- Blue (75%)



- Red (34%)
- Yellow (9%)
- Blue (75%)



- Cyan (54%)
- Magenta (88%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (91%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5717BF 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 5717BF by changing the saturation by 10% instead.

5717BF

5717BF

FFFFFF

3500A3

9450F9

000088

B26AFF

00006E

D085FF

000054

EEA0FF

00063C

FFBCFF

000225

FFD9FF

00010E

FFF6FF

000000

5717BF

5717BF

■ 4B04BF

■ 632ABF

■ 4900BF

■ 6F3DBF

■ 7A50BF

■ 8663BF

■ 9277BF

■ 9E8ABF

■ AA9DBF

■ B6B0BF

■ C1C3BF

Harmonies

Analogous

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



004EE2



5717BF



AB007D

Triad

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



5717BF



802D00



006060

Complementary

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



5717BF



7FBF17

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.



005E07



5717BF



424D00

Square

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



5717BF



AB0000



005900



0062A9

Rectangle

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



5717BF



BD004C



005900



005F45

Sweetspot

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



5717BF



D0B7F7



1781BF



65567D



FCFCFC



7D7D7D

Same Dimension

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



5717BF



5E00F7



A917BF



59555E



3C009E



0C001F

Inverse Universe

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



BF177F



F70099



2DBF17



5E555B



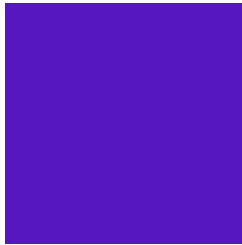
9E0062



1F0013

Previews

White Background



This preview shows how the Hex color 5717BF looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

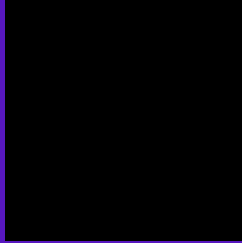
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5717BF Background



This preview shows how black text looks on a background with the Hex color 5717BF.

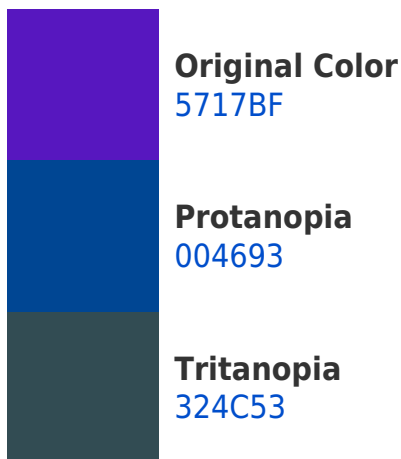


This preview shows how white text looks on a background with the Hex color 5717BF.

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



Trichromacy



Original Color
5717BF

Protanomaly
2035A3

Tritanomaly
3F397A

Monochromacy



Original Color
5717BF

Achromatopsia
3D3D3D

Achromatomaly
462F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5717BF 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 #5717BF looks like.

```
.text, #text, p{  
    color:#5717BF  
}
```

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 #5717BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5717BF
}
```

Border

The CSS property to change the border of an element to Hex 5717BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

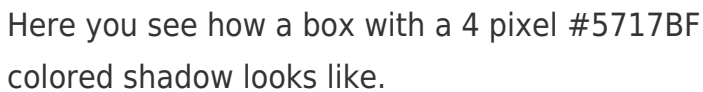
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5717BF }
```

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

```
.border{ border-color:#5717BF }
```

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



Here you see how a box with a 4 pixel #5717BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5717BF; -webkit-box-shadow:4px 4px  
4px 4px #5717BF; box-shadow:4px 4px 4px  
4px #5717BF }
```

Background

The CSS property to change the background color of an element to Hex 5717BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5717BF }
```

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

```
.background{ background-color:#5717BF }
```

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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