

Converting Colors

Hex(577BD9)

Have a look what the booklet for
Hex(577BD9) contains.

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Color

Hex(577BD9)

Conversions

Conversions Part 1

Format	Color
Hex	577BD9
RGB	87, 123, 217
RGB Percent	34%, 48%, 85%
CMY	0.6588, 0.5176, 0.1490
CMYK	0.60, 0.43, 0.00, 0.15
HSL	223°, 63%, 60%
HSV	223°, 60%, 85%
XYZ	23.5378, 21.2019, 68.4974
YIQ	122.9520, -51.6300, 21.6020

Conversions

Conversions Part 2

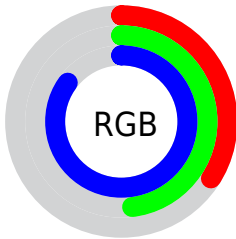
Format	Color
R_{YB}	87, 115, 217
Decimal	5733337
CIE Lab	53.17, 15.84, -52.11
CIE LCh	53, 54.467, 286.909
Yxy	21.2019, 0.2079, 0.1872
Android (android.graphics.Color)	4283923417 (0xFF577BD9)
YUV	122.9520, 46.3657, -31.5299
Hunter-Lab	46.0455, 10.6670, -55.9681

Details

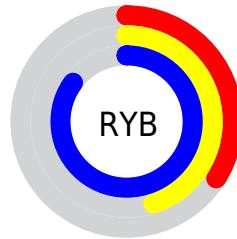
The Hex color **577BD9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D9B557**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **92AFFF**, and **004BA1** is the 20% darker color. If you saturate the color by 10%, you get **416BD9**, and if you desaturate by 10%, it is **6D8BD9**.

Distribution



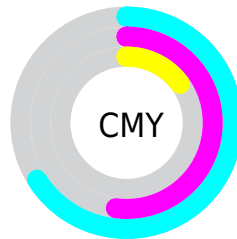
- Red (34%)
- Green (48%)
- Blue (85%)



- Red (34%)
- Yellow (45%)
- Blue (85%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (15%)



- Cyan (66%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577BD9 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 577BD9 by changing the saturation by 10% instead.

■ 577BD9

■ 577BD9

FFFFFF

■ 3662BD

■ 92AFFE

■ 004BA1

■ B0CAFF

■ 003587

■ CDE6FF

■ 00216D

■ EBFFFF

■ 000A54

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 577BD9

■ 577BD9

■ 416BD9

■ 6D8BD9

■ 2C5CD9

■ 829AD9

■ 164CD9

■ 98AAD9

■ 003CD9

■ AEBAD9

■ C4C9D9

■ D9D9D9

■ EFE9D9

■ FFF9D9

■ FFFFD9

Harmonies

Analogous

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



008ADA



577BD9



A367C0

Triad

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



577BD9



C7623C



009468

Complementary

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



577BD9



D9B557

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.



468F3B



577BD9



A8751B

Square

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



577BD9



D45366



7E8519



009599

Rectangle

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



577BD9



C05AA5



7E8519



009358

Sweetspot

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



577BD9



D1DEFF



57D9B4



636B80



000000



808080

Same Dimension

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



577BD9



477AFF



7357D9



63666E



0030AD



000D2E

Inverse Universe

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



D9577B



FF477A



BDD957



6E6366



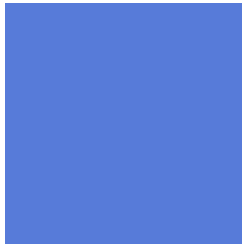
AD0030



2E000D

Previews

White Background



This preview shows how the Hex color 577BD9 looks on a white background.

Color Contrast Check

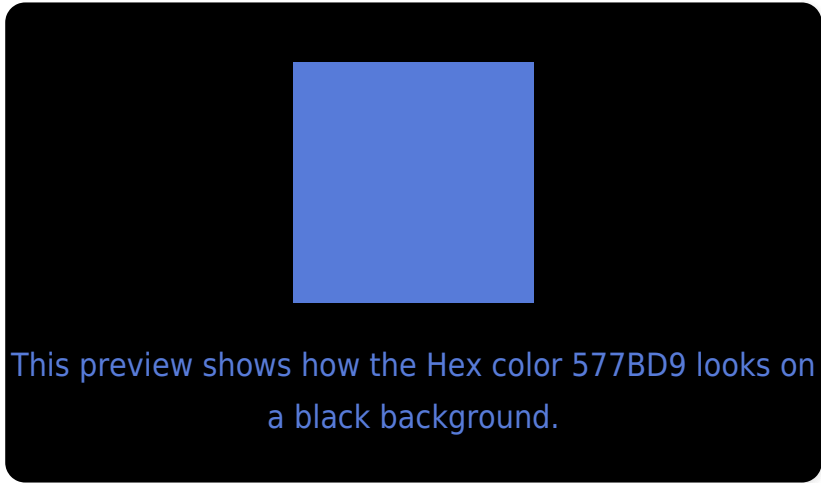
Large Text (above 18pt) WCAG AA ✓ Pass

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 577BD9 Background



This preview shows how black text looks on a background with the Hex color 577BD9.

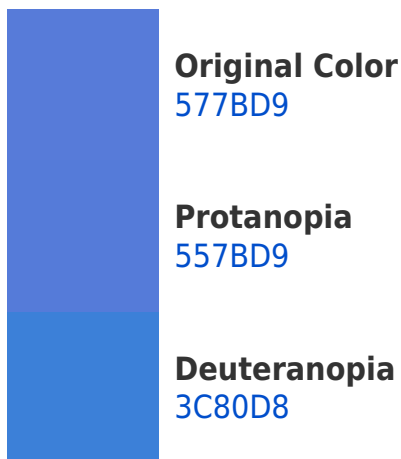


This preview shows how white text looks on a background with the Hex color 577BD9.

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](#).

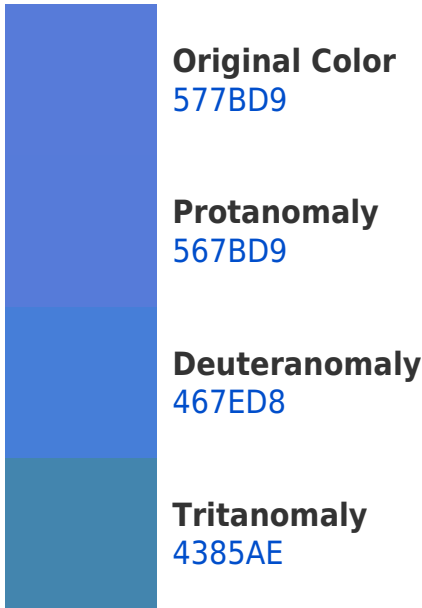
Dichromacy





Tritanopia
388A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 577BD9 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 #577BD9 looks like.

```
.text, #text, p{  
    color:#577BD9  
}
```

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 #577BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577BD9
}
```

Border

The CSS property to change the border of an element to Hex 577BD9 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
#577BD9 }
```

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

```
.border{ border-color:#577BD9 }
```

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

Here you see how a box with a 4 pixel #577BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577BD9; -webkit-box-shadow:4px 4px  
4px 4px #577BD9; box-shadow:4px 4px 4px  
4px #577BD9 }
```

Background

The CSS property to change the background color of an element to Hex 577BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577BD9 }
```

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

```
.background{ background-color:#577BD9 }
```

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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