

Converting Colors

Hex(577AB6)

Have a look what the booklet for
Hex(577AB6) contains.

Hex(577AB6)	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(577AB6)

Conversions

Conversions Part 1

Format	Color
Hex	577AB6
RGB	87, 122, 182
RGB Percent	34%, 48%, 71%
CMY	0.6588, 0.5216, 0.2863
CMYK	0.52, 0.33, 0.00, 0.29
HSL	218°, 39%, 53%
HSV	218°, 52%, 71%
XYZ	19.3335, 19.3227, 46.9666
YIQ	118.3750, -40.1200, 11.2400

Conversions

Conversions Part 2

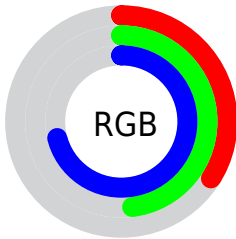
Format	Color
R _Y B	87, 113, 182
Decimal	5733046
CIE Lab	51.06, 4.99, -35.49
CIE LCh	51, 35.839, 278.005
Yxy	19.3227, 0.2258, 0.2257
Android (android.graphics.Color)	4283923126 (0xFF577AB6)
YUV	118.3750, 31.3671, -27.5159
Hunter-Lab	43.9576, 1.5824, -32.5783

Details

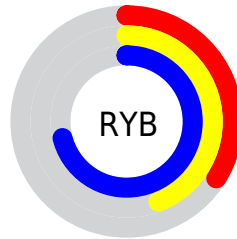
The Hex color **577AB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B69357**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8EAEEE**, and **1B4A81** is the 20% darker color. If you saturate the color by 10%, you get **456FB6**, and if you desaturate by 10%, it is **6985B6**.

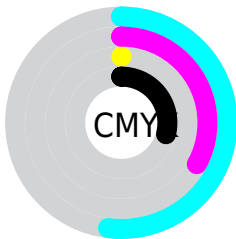
Distribution



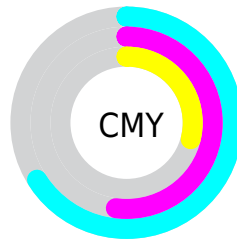
- Red (34%)
- Green (48%)
- Blue (71%)



- Red (34%)
- Yellow (44%)
- Blue (71%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577AB6 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 577AB6 by changing the saturation by 10% instead.

■ 577AB6

■ 577AB6

FFFFFF

■ 3B619B

■ 8EAEEE

■ 1B4A81

■ AAC9FF

■ 003467

■ C7E5FF

■ 001F4F

■ E4FFFF

■ 000538

■ 000221

■ 000007

■ 000000

■ 577AB6

■ 577AB6

■ 456FB6

■ 6985B6

■ 3363B6

■ 7B91B6

■ 2058B6

■ 8E9CB6

■ 0E4CB6

■ A0A8B6

■ 0043B6

■ B2B3B6

■ C4BFB6

■ D6CAB6

■ E9D6B6

■ FBE1B6

Harmonies

Analogous

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



0083B2



577AB6



876EAA

Triad

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



577AB6



B06655



3B8862

Complementary

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



577AB6



B69357

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.



648348



577AB6



9F7041

Square

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



577AB6



B36073



857B3B



008A81

Rectangle

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



577AB6



9E679A



857B3B



4A8658

Sweetspot

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



577AB6



C7D5ED



57B692



616978



F7F7F7



787878

Same Dimension

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



577AB6



588FED



6257B6



53565C



00399C



000A1C

Inverse Universe

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



B6577A



ED588F



ABB657



5C5356



9C0039



1C000A

Previews

White Background



This preview shows how the Hex color 577AB6 looks on a white background.

Color Contrast Check

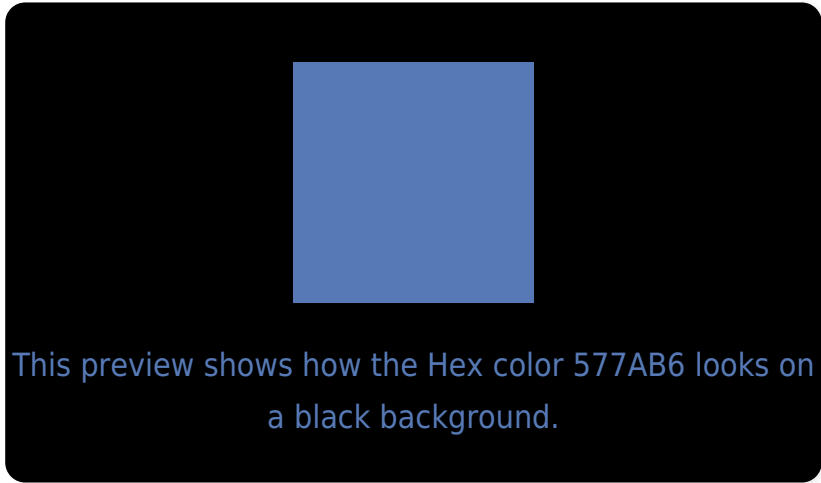
Large Text (above 18pt) WCAG AA ✓ Pass

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

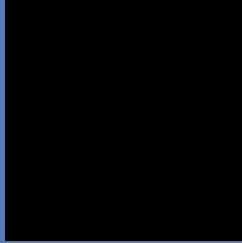
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

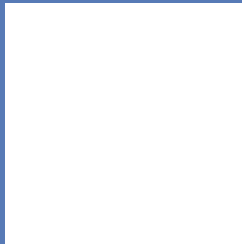
Any Text WCAG AAA × Fail

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

Hex 577AB6 Background



This preview shows how black text looks on a background with the Hex color 577AB6.

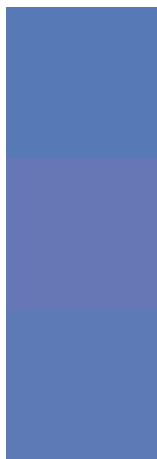


This preview shows how white text looks on a background with the Hex color 577AB6.

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
577AB6

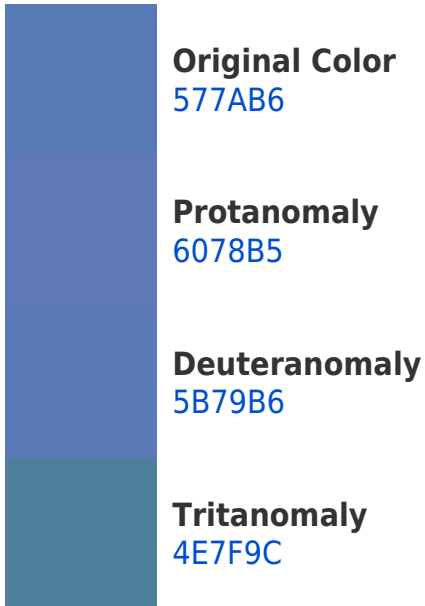
Protanopia
6577B4

Deuteranopia
5D79B6

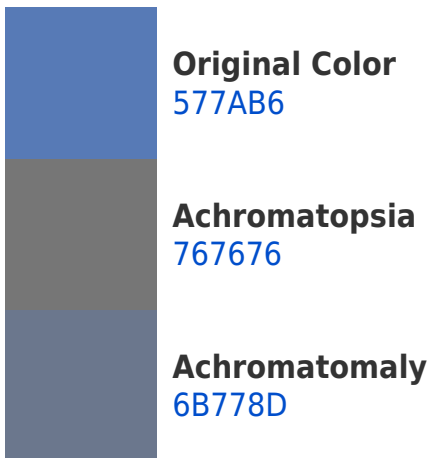


Tritanopia
49828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 577AB6 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 #577AB6 looks like.

```
.text, #text, p{  
    color:#577AB6  
}
```

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 #577AB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577AB6
}
```

Border

The CSS property to change the border of an element to Hex 577AB6 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
#577AB6 }
```

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

```
.border{ border-color:#577AB6 }
```

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

Here you see how a box with a 4 pixel #577AB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577AB6; -webkit-box-shadow:4px 4px  
4px 4px #577AB6; box-shadow:4px 4px 4px  
4px #577AB6 }
```

Background

The CSS property to change the background color of an element to Hex 577AB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577AB6 }
```

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

```
.background{ background-color:#577AB6 }
```

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