

Converting Colors

Hex(586AB7)

Have a look what the booklet for
Hex(586AB7) contains.

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Color

Hex(586AB7)

Conversions

Conversions Part 1

Format	Color
Hex	586AB7
RGB	88, 106, 183
RGB Percent	35%, 42%, 72%
CMY	0.6549, 0.5843, 0.2824
CMYK	0.52, 0.42, 0.00, 0.28
HSL	229°, 40%, 53%
HSV	229°, 52%, 72%
XYZ	17.7258, 15.8017, 46.9155
YIQ	109.3960, -35.4450, 20.1310

Conversions

Conversions Part 2

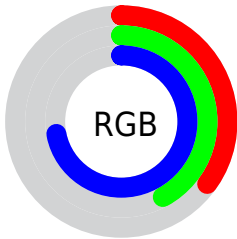
Format	Color
R_{YB}	88, 103, 183
Decimal	5794487
CIE _{Lab}	46.71, 15.35, -42.93
CIE _{LCh}	47, 45.595, 289.674
Yxy	15.8017, 0.2204, 0.1964
Android (android.graphics.Color)	4283984567 (0xFF586AB7)
YUV	109.3960, 36.2868, -18.7643
Hunter-Lab	39.7513, 10.0313, -42.1497

Details

The Hex color **586AB7** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B7A558**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8F9DEF**, and **1B3B81** is the 20% darker color. If you saturate the color by 10%, you get **465BB7**, and if you desaturate by 10%, it is **6A79B7**.

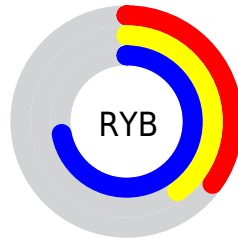
Distribution



Red (35%)

Green (42%)

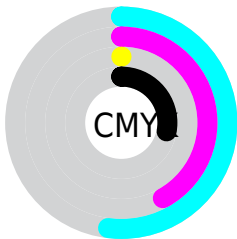
Blue (72%)



Red (35%)

Yellow (40%)

Blue (72%)

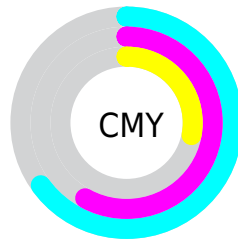


Cyan (52%)

Magenta (42%)

Yellow (0%)

Black (28%)



Cyan (65%)

Magenta (58%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586AB7 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 586AB7 by changing the saturation by 10% instead.

■ 586AB7

■ 586AB7

FFFFFF

■ 3C529C

■ 8F9DEF

■ 1B3B81

■ ACB8FF

■ 002668

■ C8D3FF

■ 00134F

■ E5F0FF

■ 000438

■ 000221

■ 000007

■ 000000

■ 586AB7

■ 586AB7

■ 465BB7

■ 6A79B7

■ 334CB7

■ 7D88B7

■ 213EB7

■ 8F96B7

■ 0F2FB7

■ A1A5B7

■ 0023B7

■ B3B4B7

■ C6C3B7

■ D8D2B7

■ EAE1B7

■ FDEFB7

Harmonies

Analogous

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



0077BA



586AB7



905AA1

Triad

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



586AB7



A95935



008060

Complementary

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



586AB7



B7A558

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.



3D7C3B



586AB7



8E681F

Square

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



586AB7



B54D57



6B7420



008187

Rectangle

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



586AB7



A7508A



6B7420



007F53

Sweetspot

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



586AB7



C7CEED



58B7A4



616578



F7F7F7



787878

Same Dimension

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



586AB7



5A76ED



7458B7



53545C



001D9C



00051C

Inverse Universe

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



B7586A



ED5A76



9BB758



5C5354



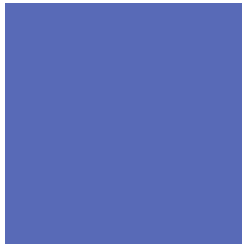
9C001D



1C0005

Previews

White Background



This preview shows how the Hex color 586AB7 looks on a white background.

Color Contrast Check

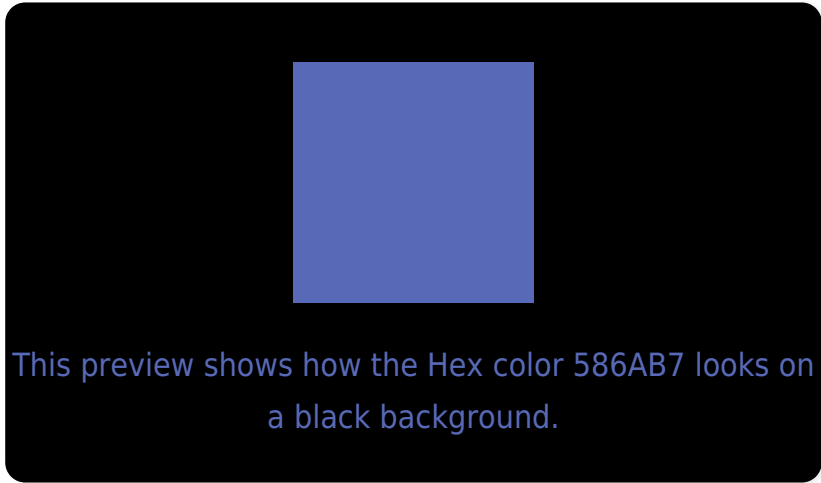
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 586AB7 Background



This preview shows how black text looks on a background with the Hex color 586AB7.

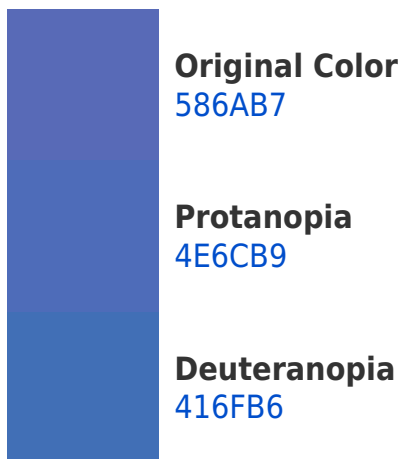


This preview shows how white text looks on a background with the Hex color 586AB7.

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](#).

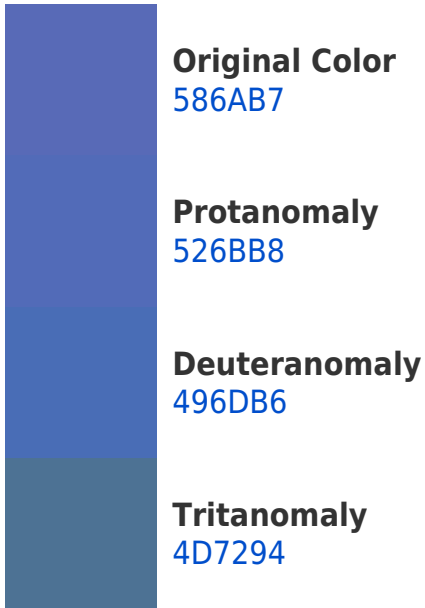
Dichromacy





Tritanopia
467680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 586AB7 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 #586AB7 looks like.

```
.text, #text, p{  
    color:#586AB7  
}
```

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 #586AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586AB7
}
```

Border

The CSS property to change the border of an element to Hex 586AB7 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
#586AB7 }
```

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

```
.border{ border-color:#586AB7 }
```

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

Here you see how a box with a 4 pixel #586AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586AB7; -webkit-box-shadow:4px 4px  
4px 4px #586AB7; box-shadow:4px 4px 4px  
4px #586AB7 }
```

Background

The CSS property to change the background color of an element to Hex 586AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586AB7 }
```

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

```
.background{ background-color:#586AB7 }
```

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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