

Converting Colors

Hex(566FB6)

Have a look what the booklet for
Hex(566FB6) contains.

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Color

Hex(566FB6)

Conversions

Conversions Part 1

Format	Color
Hex	566FB6
RGB	86, 111, 182
RGB Percent	34%, 44%, 71%
CMY	0.6627, 0.5647, 0.2863
CMYK	0.53, 0.39, 0.00, 0.29
HSL	224°, 40%, 53%
HSV	224°, 53%, 71%
XYZ	17.9657, 16.7247, 46.5373
YIQ	111.6190, -37.6910, 16.7810

Conversions

Conversions Part 2

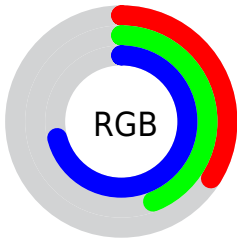
Format	Color
R_{YB}	86, 106, 182
Decimal	5664694
CIE _{Lab}	47.91, 11.47, -40.46
CIE _{LCh}	48, 42.055, 285.827
Yxy	16.7247, 0.2212, 0.2059
Android (android.graphics.Color)	4283854774 (0xFF566FB6)
YUV	111.6190, 34.6978, -22.4679
Hunter-Lab	40.8959, 6.8479, -38.8417

Details

The Hex color **566FB6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B69D56**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8DA2EE**, and **194081** is the 20% darker color. If you saturate the color by 10%, you get **4462B6**, and if you desaturate by 10%, it is **687CB6**.

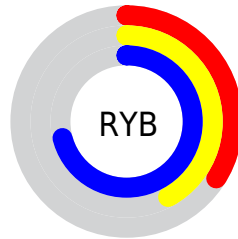
Distribution



Red (34%)

Green (44%)

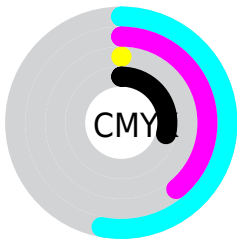
Blue (71%)



Red (34%)

Yellow (42%)

Blue (71%)

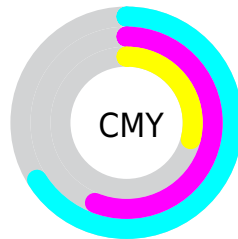


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (29%)



Cyan (66%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566FB6 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 566FB6 by changing the saturation by 10% instead.

■ 566FB6

■ 566FB6

FFFFFF

■ 3A579B

■ 8DA2EE

■ 194081

■ A9BDFF

■ 002A67

■ C6D9FF

■ 00174F

■ E3F5FF

■ 000337

■ 000221

■ 000006

■ 000000

■ 566FB6

■ 566FB6

■ 4462B6

■ 687CB6

■ 3254B6

■ 7A8AB6

■ 1F47B6

■ 8D97B6

■ 0D39B6

■ 9FA5B6

■ 002FB6

■ B1B2B6

■ C3C0B6

■ D5CDB6

■ E8DBB6

■ FAE8B6

Harmonies

Analogous

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



007AB6



566FB6



8C61A3

Triad

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



566FB6



AB5C40



00825F

Complementary

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



566FB6



B69D56

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.



4B7E3E



566FB6



946A2B

Square

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



566FB6



B45360



747629



008384

Rectangle

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



566FB6



A3588F



747629



238153

Sweetspot

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



566FB6



C7D1ED



56B69C



616778



F7F7F7



787878

Same Dimension

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



566FB6



587FED



6C56B6



53555C



00299C



00071C

Inverse Universe

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



B6566F



ED587F



A0B656



5C5355



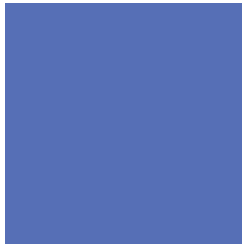
9C0029



1C0007

Previews

White Background



This preview shows how the Hex color 566FB6 looks on a white background.

Color Contrast Check

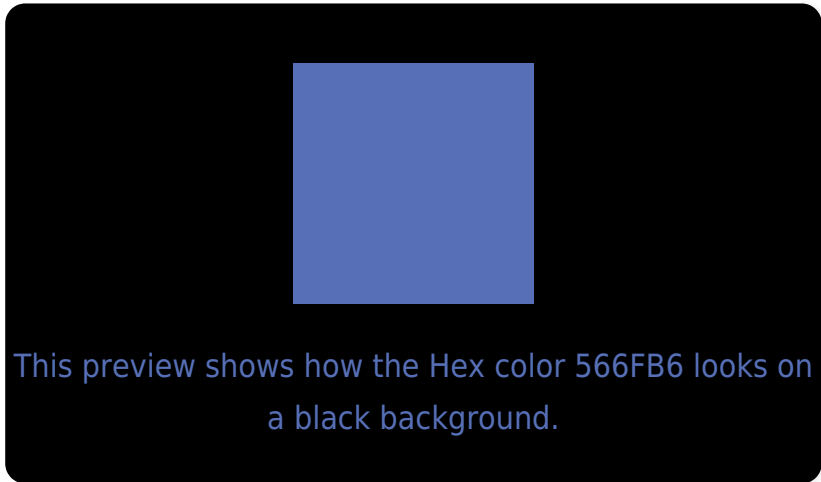
Large Text (above 18pt) WCAG AA ✓ Pass

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

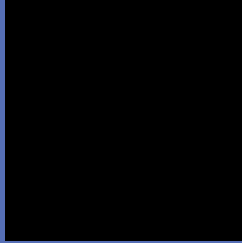
Any Text WCAG AA × Fail

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 566FB6 Background



This preview shows how black text looks on a background with the Hex color 566FB6.

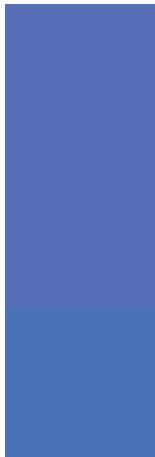


This preview shows how white text looks on a background with the Hex color 566FB6.

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
566FB6

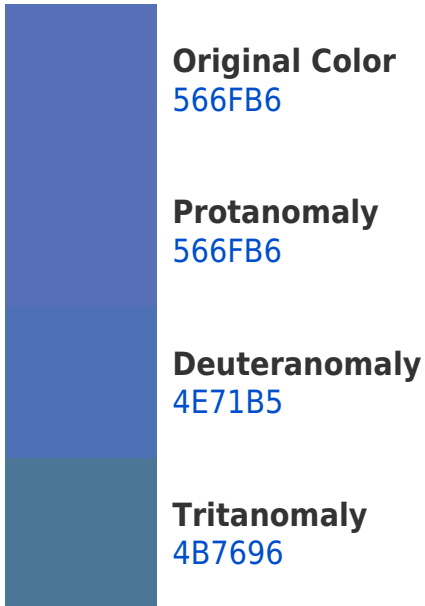
Protanopia
566FB6

Deuteranopia
4A72B5



Tritanopia
457A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 566FB6 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 #566FB6 looks like.

```
.text, #text, p{  
    color:#566FB6  
}
```

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 #566FB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566FB6
}
```

Border

The CSS property to change the border of an element to Hex 566FB6 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
#566FB6 }
```

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

```
.border{ border-color:#566FB6 }
```

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

Here you see how a box with a 4 pixel #566FB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566FB6; -webkit-box-shadow:4px 4px  
4px 4px #566FB6; box-shadow:4px 4px 4px  
4px #566FB6 }
```

Background

The CSS property to change the background color of an element to Hex 566FB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566FB6 }
```

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

```
.background{ background-color:#566FB6 }
```

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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