

Converting Colors

Hex(556FB9)

Have a look what the booklet for
Hex(556FB9) contains.

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Color

Hex(556FB9)

Conversions

Conversions Part 1

Format	Color
Hex	556FB9
RGB	85, 111, 185
RGB Percent	33%, 44%, 73%
CMY	0.6667, 0.5647, 0.2745
CMYK	0.54, 0.40, 0.00, 0.27
HSL	224°, 42%, 53%
HSV	224°, 54%, 73%
XYZ	18.1877, 16.8030, 48.1836
YIQ	111.6620, -39.2500, 17.5020

Conversions

Conversions Part 2

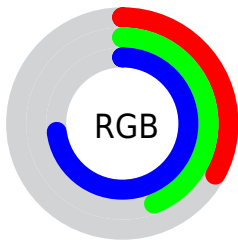
Format	Color
R _Y B	85, 106, 185
Decimal	5599161
CIE Lab	48.01, 12.22, -42.05
CIE LCh	48, 43.785, 286.203
Yxy	16.8030, 0.2187, 0.2020
Android (android.graphics.Color)	4283789241 (0xFF556FB9)
YUV	111.6620, 36.1556, -23.3826
Hunter-Lab	40.9914, 7.4647, -40.9989




Details

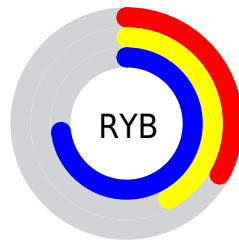
The Hex color **556FB9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B99F55**, and the grayscale version is **6F6F6F**.




A 20% lighter version of the original color is **8DA2F2**, and **154083** is the 20% darker color. If you saturate the color by 10%, you get **4261B9**, and if you desaturate by 10%, it is **687DB9**.

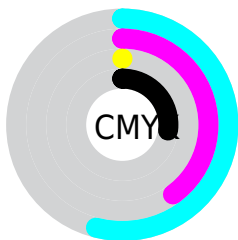
Distribution







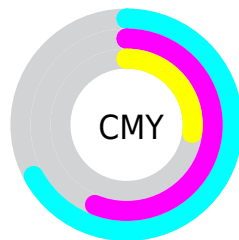
-  Red (33%)
-  Green (44%)
-  Blue (73%)






-  Red (33%)
-  Yellow (42%)
-  Blue (73%)



-  Cyan (54%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (27%)



-  Cyan (67%)
-  Magenta (56%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556FB9 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 556FB9 by changing the saturation by 10% instead.

■ 556FB9

■ 556FB9

FFFFFF

■ 38579E

■ 8DA2F2

■ 154083

■ A9BDFF

■ 002A6A

■ C6D9FF

■ 001751

■ E3F5FF

■ 00033A

■ 000223

■ 00000A

■ 000000

■ 556FB9

■ 556FB9

■ 4261B9

■ 687DB9

■ 3054B9

■ 7A8AB9

■ 1D46B9

■ 8D98B9

■ 0B38B9

■ 9FA6B9

■ 0030B9

■ B2B3B9

■ C4C1B9

■ D6CFB9

■ E9DDB9

■ FCEAB9

Harmonies

Analogous

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



007BB9



556FB9



8E60A5

Triad

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



556FB9



AD5C3E



00835F

Complementary

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



556FB9



B99F55

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.



497F3C



556FB9



956A27

Square

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



556FB9



B6525F



737626



008485

Rectangle

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



556FB9



A55790



737626



1B8253

Sweetspot

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



556FB9



C9D3F0



55B99E



616778



F7F7F7



787878

Same Dimension

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



556FB9



547CF0



6C55B9



53555C



00289C



00071C

Inverse Universe

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



B9556F



F0547C



A2B955



5C5355



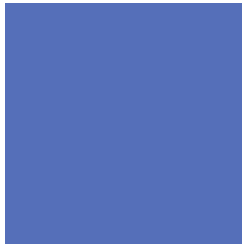
9C0028



1C0007

Previews

White Background



This preview shows how the Hex color 556FB9 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



This preview shows how the Hex color 556FB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

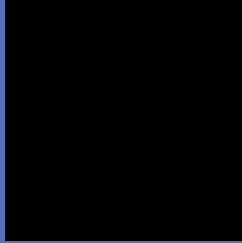
Any Text WCAG AA × Fail

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 556FB9 Background



This preview shows how black text looks on a background with the Hex color 556FB9.



This preview shows how white text looks on a background with the Hex color 556FB9.

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
556FB9

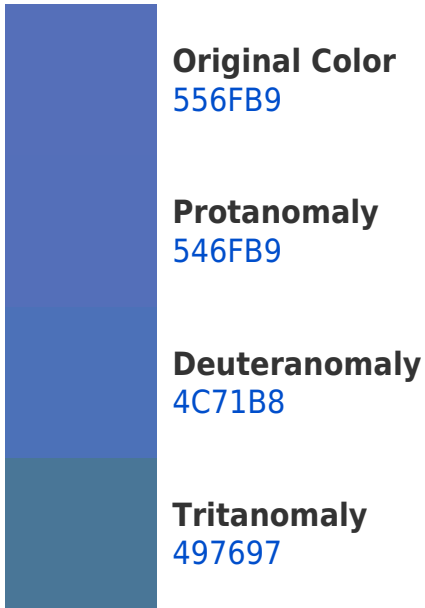
Protanopia
546FB9

Deuteranopia
4772B8



Tritanopia
427A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 556FB9 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 #556FB9 looks like.

```
.text, #text, p{  
    color:#556FB9  
}
```

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 #556FB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556FB9
}
```

Border

The CSS property to change the border of an element to Hex 556FB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

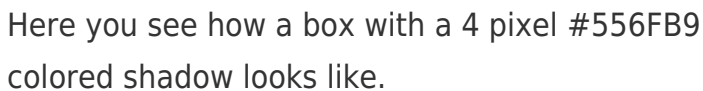
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#556FB9 }
```

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

```
.border{ border-color:#556FB9 }
```

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



Here you see how a box with a 4 pixel #556FB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556FB9; -webkit-box-shadow:4px 4px  
4px 4px #556FB9; box-shadow:4px 4px 4px  
4px #556FB9 }
```

Background

The CSS property to change the background color of an element to Hex 556FB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556FB9 }
```

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

```
.background{ background-color:#556FB9 }
```

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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