

Converting Colors

Hex(5F5AA6)

Have a look what the booklet for
Hex(5F5AA6) contains.

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Color

Hex(5F5AA6)

Conversions

Conversions Part 1

Format	Color
Hex	5F5AA6
RGB	95, 90, 166
RGB Percent	37%, 35%, 65%
CMY	0.6275, 0.6471, 0.3490
CMYK	0.43, 0.46, 0.00, 0.35
HSL	244°, 30%, 50%
HSV	244°, 46%, 65%
XYZ	15.2584, 12.4984, 37.6846
YIQ	100.1590, -21.4160, 24.6960

Conversions

Conversions Part 2

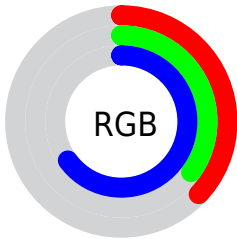
Format	Color
R_{YB}	95, 90, 166
Decimal	6249126
CIE _{Lab}	42.00, 21.75, -40.43
CIE _{LCh}	42, 45.907, 298.287
Yxy	12.4984, 0.2332, 0.1910
Android (android.graphics.Color)	4284439206 (0xFF5F5AA6)
YUV	100.1590, 32.4596, -4.5244
Hunter-Lab	35.3531, 15.1729, -38.4530

Details

The Hex color **5F5AA6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A1A65A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **958CDE**, and **2A2C71** is the 20% darker color. If you saturate the color by 10%, you get **4F49A6**, and if you desaturate by 10%, it is **6F6BA6**.

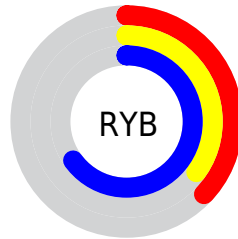
Distribution



Red (37%)

Green (35%)

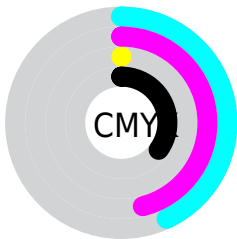
Blue (65%)



Red (37%)

Yellow (35%)

Blue (65%)

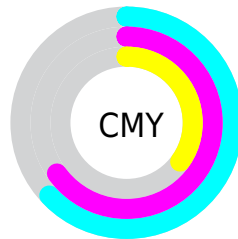


Cyan (43%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5AA6 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 5F5AA6 by changing the saturation by 10% instead.

■ 5F5AA6

■ 5F5AA6

FFFFFF

■ 45438B

■ 958CDE

■ 2A2C71

■ B1A6FA

■ 071859

■ CDC2FF

■ 000041

■ EADEFF

■ 00032A

■ FFFAFF

■ 000114

■ 000000

■ 5F5AA6

■ 5F5AA6

■ 4F49A6

■ 6F6BA6

4039A6

7E7BA6

3028A6

8E8CA6

2118A6

9D9CA6

1107A6

ADADA6

0B00A6

BCBEA6

CCCEA6

DBDFA6

EBEFA6

Harmonies

Analogous

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



0068AF



5F5AA6



8F498B

Triad

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



5F5AA6



955222



007560

Complementary

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



5F5AA6



A1A65A

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.



197239



5F5AA6



78610D

Square

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



5F5AA6



A64342



536B19



007586

Rectangle

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



5F5AA6



A04174



536B19



007452

Sweetspot

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



5F5AA6



BCBAD9



5AA2A6



5C5B6E



EDEDED



6E6E6E

Same Dimension

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



5F5AA6



6962D9



845AA6



4C4C54



0A0094



010014

Inverse Universe

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



A65AA1



D962D1



7CA65A



544C54



94008A



140013

Previews

White Background



This preview shows how the Hex color 5F5AA6 looks on a white background.

Color Contrast Check

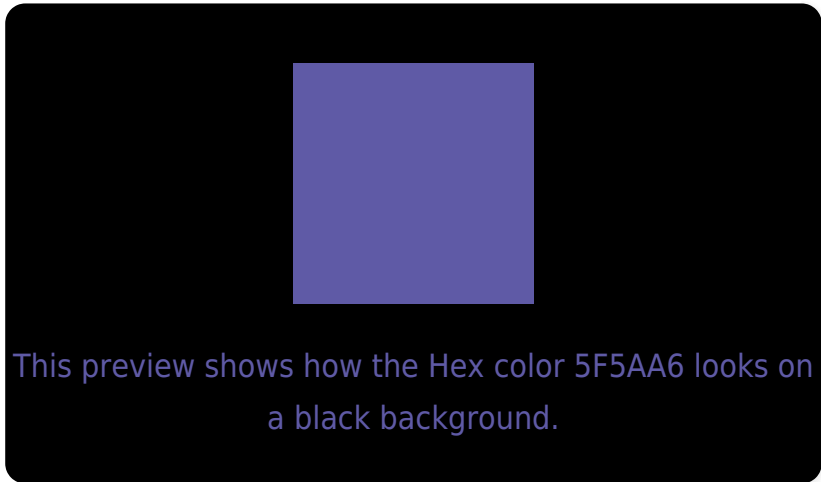
Large Text (above 18pt) WCAG AA ✓ Pass

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

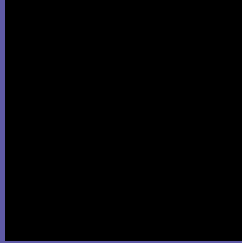
Any Text WCAG AA × Fail

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 5F5AA6 Background



This preview shows how black text looks on a background with the Hex color 5F5AA6.



This preview shows how white text looks on a background with the Hex color 5F5AA6.

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
5F5AA6

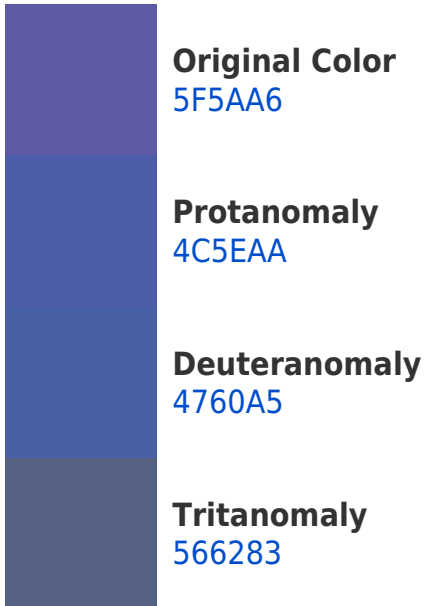
Protanopia
4161AC

Deuteranopia
3964A4



Tritanopia
51676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5AA6 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 #5F5AA6 looks like.

```
.text, #text, p{  
    color:#5F5AA6  
}
```

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 #5F5AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5AA6
}
```

Border

The CSS property to change the border of an element to Hex 5F5AA6 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
#5F5AA6 }
```

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

```
.border{ border-color:#5F5AA6 }
```

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

Here you see how a box with a 4 pixel #5F5AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5AA6; -webkit-box-shadow:4px 4px  
4px 4px #5F5AA6; box-shadow:4px 4px 4px  
4px #5F5AA6 }
```

Background

The CSS property to change the background color of an element to Hex 5F5AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5AA6 }
```

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

```
.background{ background-color:#5F5AA6 }
```

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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