

Converting Colors

Hex(5F538F)

Have a look what the booklet for
Hex(5F538F) contains.

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Color

Hex(5F538F)

Conversions

Conversions Part 1

Format	Color
Hex	5F538F
RGB	95, 83, 143
RGB Percent	37%, 33%, 56%
CMY	0.6275, 0.6745, 0.4392
CMYK	0.34, 0.42, 0.00, 0.44
HSL	252°, 27%, 44%
HSV	252°, 42%, 56%
XYZ	12.7705, 10.6026, 27.3600
YIQ	93.4280, -12.1080, 21.2040

Conversions

Conversions Part 2

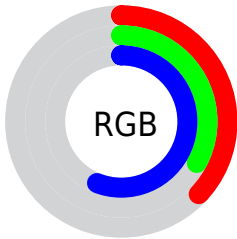
Format	Color
R_{YB}	95, 83, 143
Decimal	6247311
CIE _{Lab}	38.90, 19.44, -31.55
CIE _{LCh}	39, 37.055, 301.643
Yxy	10.6026, 0.2517, 0.2090
Android (android.graphics.Color)	4284437391 (0xFF5F538F)
YUV	93.4280, 24.4390, 1.3786
Hunter-Lab	32.5616, 13.0240, -27.0256

Details

The Hex color **5F538F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **838F53**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9385C5**, and **2D265C** is the 20% darker color. If you saturate the color by 10%, you get **54458F**, and if you desaturate by 10%, it is **6A618F**.

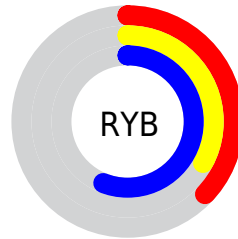
Distribution



Red (37%)

Green (33%)

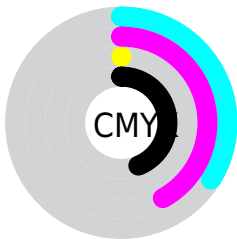
Blue (56%)



Red (37%)

Yellow (33%)

Blue (56%)

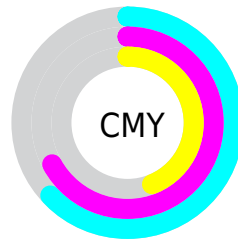


Cyan (34%)

Magenta (42%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F538F 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 5F538F by changing the saturation by 10% instead.

■ 5F538F

■ 5F538F

FFFFFF

■ 463C75

■ 9385C5

■ 2D265C

■ AE9FE1

■ 141244

■ CABAFE

■ 00002E

■ E7D5FF

■ 000118

■ FFF2FF

■ 000000

■ 5F538F

■ 5F538F

■ 54458F

■ 6A618F

■ 48368F

■ 76708F

■ 3D288F

■ 817E8F

■ 311A8F

■ 8D8C8F

■ 260C8F

■ 989B8F

■ 1D008F

■ A4A98F

■ AFB78F

■ BBC58F

■ C6D48F

Harmonies

Analogous

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



1E5E98



5F538F



824779

Triad

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



5F538F



834F26



006A5C

Complementary

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



5F538F



838F53

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.



21683E



5F538F



6B5B1C

Square

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



5F538F



91453E



4C6325



006A7A

Rectangle

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



5F538F



8E4265



4C6325



006A52

Sweetspot

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



5F538F



A7A2BA



53838F



524F5E



DEDEDE



5E5E5E

Same Dimension

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



5F538F



705DBA



7D538F



424047



1B0087



020008

Inverse Universe

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



8F5383



BA5DA8



658F53



474046



87006C



080006

Previews

White Background



This preview shows how the Hex color 5F538F 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

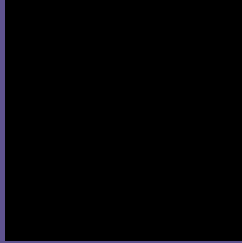
Any Text WCAG AA × Fail

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 5F538F Background



This preview shows how black text looks on a background with the Hex color 5F538F.

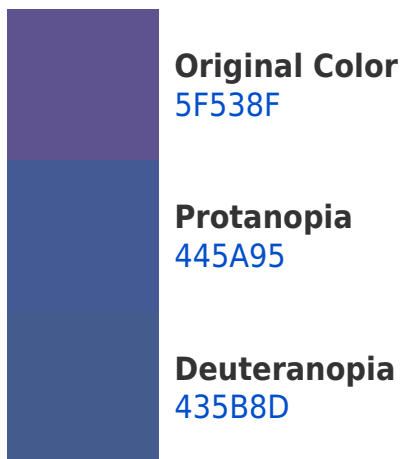



This preview shows how white text looks on a background with the Hex color 5F538F.

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
565C64

Trichromacy



Original Color
5F538F

Protanomaly
4E5793

Deuteranomaly
4D588E

Tritanomaly
595974

Monochromacy



Original Color
5F538F

Achromatopsia
5D5D5D

Achromatomaly
5E596F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F538F 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 #5F538F looks like.

```
.text, #text, p{  
    color:#5F538F  
}
```

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 #5F538F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F538F
}
```

Border

The CSS property to change the border of an element to Hex 5F538F is called "border". The border property can be set on classes, ids or directly on the HTML element.

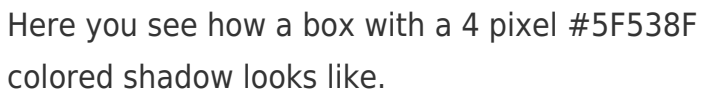
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F538F }
```

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

```
.border{ border-color:#5F538F }
```

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



Here you see how a box with a 4 pixel #5F538F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F538F; -webkit-box-shadow:4px 4px  
4px 4px #5F538F; box-shadow:4px 4px 4px  
4px #5F538F }
```

Background

The CSS property to change the background color of an element to Hex 5F538F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F538F }
```

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

```
.background{ background-color:#5F538F }
```

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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