

Converting Colors

Hex(5F4180)

Have a look what the booklet for
Hex(5F4180) contains.

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Color

Hex(5F4180)

Conversions

Conversions Part 1

Format	Color
Hex	5F4180
RGB	95, 65, 128
RGB Percent	37%, 25%, 50%
CMY	0.6275, 0.7451, 0.4980
CMYK	0.26, 0.49, 0.00, 0.50
HSL	269°, 33%, 38%
HSV	269°, 49%, 50%
XYZ	10.5059, 7.7720, 21.3685
YIQ	81.1520, -2.3430, 25.9530

Conversions

Conversions Part 2

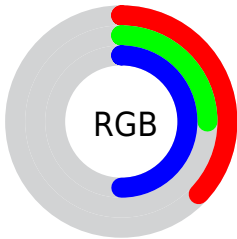
Format	Color
R_{YB}	95, 65, 128
Decimal	6242688
CIE _{Lab}	33.50, 26.58, -30.87
CIE _{LCh}	34, 40.740, 310.726
Yxy	7.7720, 0.2650, 0.1960
Android (android.graphics.Color)	4284432768 (0xFF5F4180)
YUV	81.1520, 23.0961, 12.1447
Hunter-Lab	27.8783, 18.4804, -25.9305

Details

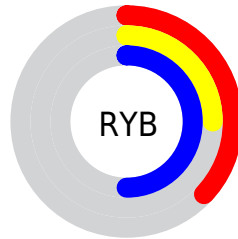
The Hex color **5F4180** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **628041**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9372B5**, and **2E144E** is the 20% darker color. If you saturate the color by 10%, you get **583480**, and if you desaturate by 10%, it is **664E80**.

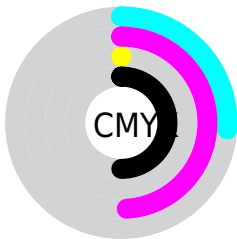
Distribution



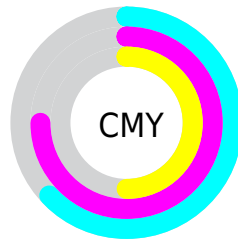
- Red (37%)
- Green (25%)
- Blue (50%)



- Red (37%)
- Yellow (25%)
- Blue (50%)



- Cyan (26%)
- Magenta (49%)
- Yellow (0%)
- Black (50%)



- Cyan (63%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4180 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 5F4180 by changing the saturation by 10% instead.

■ 5F4180

■ 5F4180

FFFFFF

■ 462A67

■ 9372B5

■ 2E144E

■ AE8BD1

■ 180037

■ CAA6ED

■ 000221

■ E6C1FF

■ 000006

■ FFDDFF

■ 000000

■ FFFAFF

■ 5F4180

■ 5F4180

■ 583480

■ 664E80

■ 522780

■ 6C5B80

■ 4B1B80

■ 736780

■ 440E80

■ 7A7480

■ 3D0180

■ 818180

■ 3D0080

■ 878E80

■ 8E9B80

■ 95A780

■ 9BB480

Harmonies

Analogous

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



1D4F8E



5F4180



7E3365

Triad

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



5F4180



70460D



005E5A

Complementary

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



5F4180



628041

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.



005D38



5F4180



545104

Square

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



5F4180



833826



31581A



005D78

Rectangle

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



5F4180



872F4F



31581A



005E4F

Sweetspot

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



5F4180



998DA6



416380



4C4554



D4D4D4



545454

Same Dimension

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



5F4180



7344A6



7E4180



3C3940



3D0080



000000

Inverse Universe

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



804162



A64477



438041



40393D



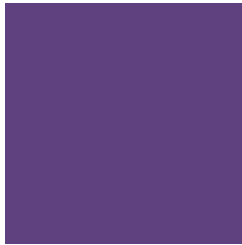
800043



000000

Previews

White Background



This preview shows how the Hex color 5F4180 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

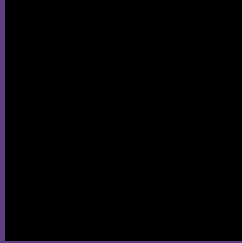
Any Text WCAG AA × Fail

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 5F4180 Background



This preview shows how black text looks on a background with the Hex color 5F4180.

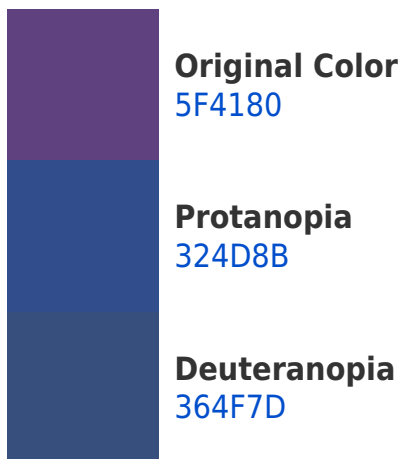


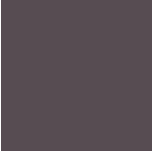
This preview shows how white text looks on a background with the Hex color 5F4180.

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
574C52

Trichromacy



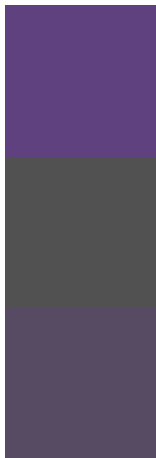
Original Color
5F4180

Protanomaly
424987

Deuteranomaly
454A7E

Tritanomaly
5A4863

Monochromacy



Original Color
5F4180

Achromatopsia
515151

Achromatomaly
564B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4180 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 #5F4180 looks like.

```
.text, #text, p{  
    color:#5F4180  
}
```

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 #5F4180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4180
}
```

Border

The CSS property to change the border of an element to Hex 5F4180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

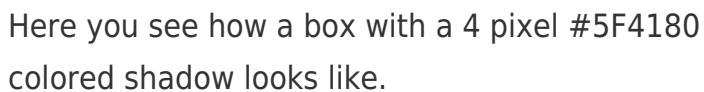
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4180 }
```

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

```
.border{ border-color:#5F4180 }
```

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



Here you see how a box with a 4 pixel #5F4180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4180; -webkit-box-shadow:4px 4px  
4px 4px #5F4180; box-shadow:4px 4px 4px  
4px #5F4180 }
```

Background

The CSS property to change the background color of an element to Hex 5F4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4180 }
```

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

```
.background{ background-color:#5F4180 }
```

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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