

# Converting Colors

Hex(58166F)

Have a look what the booklet for  
Hex(58166F) contains.

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# Color

**Hex(58166F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58166F
RGB	88, 22, 111
RGB Percent	35%, 9%, 44%
CMY	0.6549, 0.9137, 0.5647
CMYK	0.21, 0.80, 0.00, 0.56
HSL	284°, 67%, 26%
HSV	284°, 80%, 44%
XYZ	7.1807, 3.7962, 15.3932
YIQ	51.8800, 10.7670, 41.6710

# Conversions

## Conversions Part 2

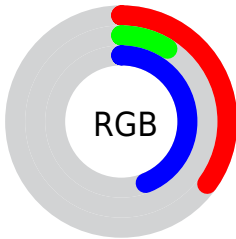
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 22, 111
Decimal	5772911
CIELab	22.99, 43.33, -36.97
CIELCh	23, 56.958, 319.526
Yxy	3.7962, 0.2723, 0.1440
Android (android.graphics.Color)	4283962991 (0xFF58166F)
YUV	51.8800, 29.1462, 31.6772
Hunter-Lab	19.4839, 31.6881, -33.2032

# Details

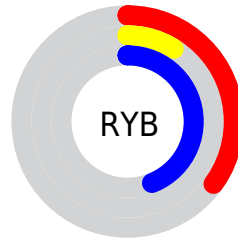
The Hex color **58166F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2D6F16**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8D4AA3**, and **27003E** is the 20% darker color. If you saturate the color by 10%, you get **550B6F**, and if you desaturate by 10%, it is **5B216F**.

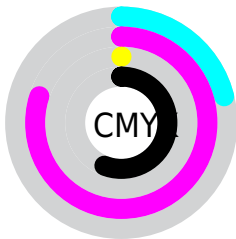
# Distribution



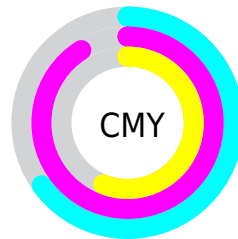
- Red (35%)
- Green (9%)
- Blue (44%)



- Red (35%)
- Yellow (9%)
- Blue (44%)



- Cyan (21%)
- Magenta (80%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (91%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58166F 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 58166F by changing the saturation by 10% instead.





58166F



58166F

FFFFFF



3E0056



8D4AA3



27003E



A863BF



020028



C57DDB



000111



E198F7



000000



FEB3FF



FFCFFF



FFECFF



58166F



58166F

■ 550B6F

■ 5B216F

■ 52006F

■ 5E2C6F

■ 61376F

■ 63426F

■ 664E6F

■ 69596F

■ 6C646F

■ 6F6F6F

■ 727A6F

# Harmonies

## Analogous

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



003389



58166F



780048

# Triad

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



58166F



513000



004752

# Complementary

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



58166F



2D6F16

# 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.



004626



58166F



2A3D00

# Square

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



58166F



6D1500



004400



004778

# Rectangle

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



58166F



7D002C



004400



004744



# Sweetspot

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



58166F



886E91



162E6F



44354A



C9C9C9



4A4A4A



# Same Dimension

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



58166F



6D0691



6F165A



373238



590078



B700F7



# Inverse Universe

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



6F162D



91062A



166F2B



383234



78001F

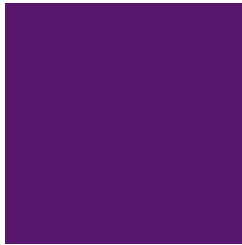


F70040



# Previews

## White Background



This preview shows how the Hex color 58166F looks on a white background.

## Color Contrast Check

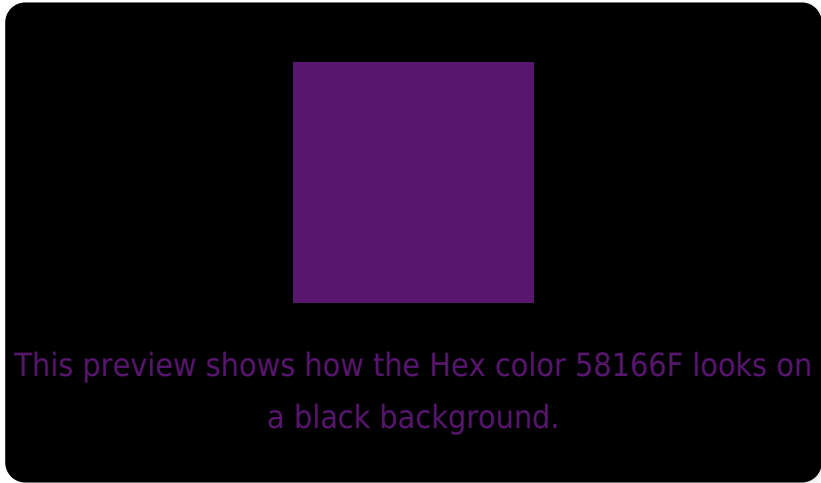
Large Text (above 18pt) WCAG AA ✓ Pass

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

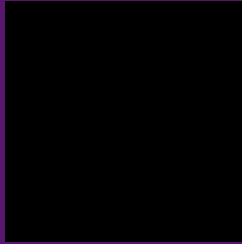
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58166F Background



This preview shows how black text looks on a background with the Hex color 58166F.

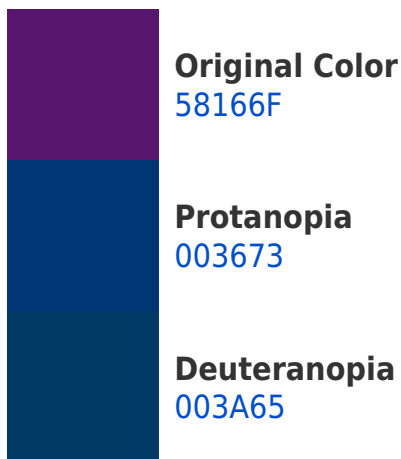


This preview shows how white text looks on a background with the Hex color 58166F.

# 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](#).

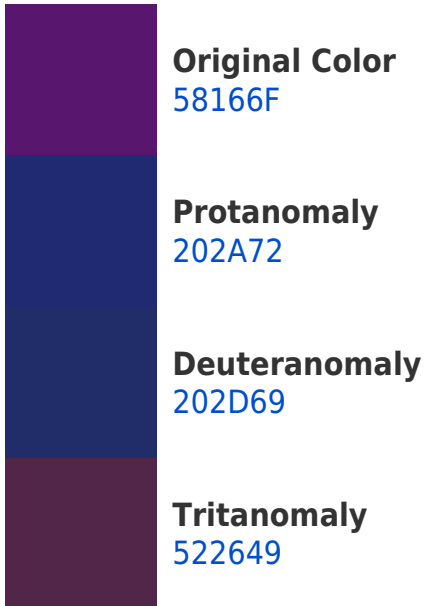
## Dichromacy



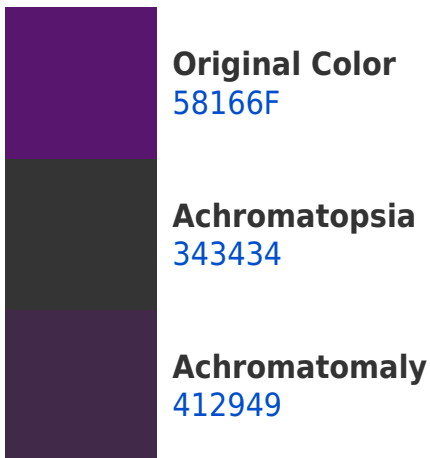


**Tritanopia**  
4F2F33

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58166F 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 #58166F looks like.

```
.text, #text, p{  
    color:#58166F  
}
```

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 #58166F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58166F
}
```

## Border

The CSS property to change the border of an element to Hex 58166F is called "border". The border property can be set on classes, ids or directly on the HTML element.

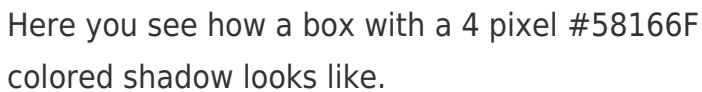
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58166F }
```

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

```
.border{ border-color:#58166F }
```

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



Here you see how a box with a 4 pixel #58166F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58166F; -webkit-box-shadow:4px 4px  
4px 4px #58166F; box-shadow:4px 4px 4px  
4px #58166F }
```

# Background

The CSS property to change the background color of an element to Hex 58166F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58166F }
```

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

```
.background{ background-color:#58166F }
```

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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