

# Converting Colors

Hex(5F105F)

Have a look what the booklet for  
Hex(5F105F) contains.

<b>Hex(5F105F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(5F105F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F105F
RGB	95, 16, 95
RGB Percent	37%, 6%, 37%
CMY	0.6275, 0.9373, 0.6275
CMYK	0.00, 0.83, 0.00, 0.63
HSL	300°, 71%, 22%
HSV	300°, 83%, 37%
XYZ	6.9702, 3.6297, 11.1597
YIQ	48.6270, 21.7250, 41.3170

# Conversions

## Conversions Part 2

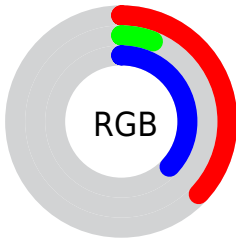
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 16, 95
Decimal	6230111
CIE <sub>Lab</sub>	22.41, 43.74, -27.38
CIE <sub>LCh</sub>	22, 51.598, 327.955
Yxy	3.6297, 0.3203, 0.1668
Android (android.graphics.Color)	4284420191 (0xFF5F105F)
YUV	48.6270, 22.8619, 40.6691
Hunter-Lab	19.0518, 31.9643, -21.3933

# Details

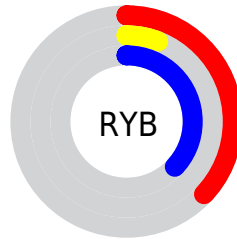
The Hex color **5F105F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **105F10**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **944692**, and **2E0030** is the 20% darker color. If you saturate the color by 10%, you get **5F065F**, and if you desaturate by 10%, it is **5F195F**.

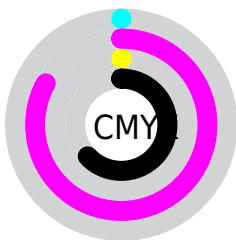
# Distribution



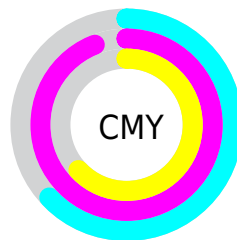
- Red (37%)
- Green (6%)
- Blue (37%)



- Red (37%)
- Yellow (6%)
- Blue (37%)



- Cyan (0%)
- Magenta (83%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (94%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F105F 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 5F105F by changing the saturation by 10% instead.



 5F105F

 5F105F

FFFFFF

 450047

 944692

 2E0030

 B060AD

 0C001B

 CC7AC8

 000000

 E995E4

 FFBOFF

 FFCCFF

 FFE9FF

 5F105F

 5F105F

■ 5F065F

■ 5F195F

■ 5F005F

■ 5F235F

■ 5F2C5F

■ 5F365F

■ 5F405F

■ 5F495F

■ 5F525F

■ 5F5C5F

■ 5F665F

# Harmonies

## Analogous

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



242C7B



5F105F



74003A

# Triad

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



5F105F



453300



004559

# Complementary

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



5F105F



105F10

# 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.



004532



5F105F



1F3D00

# Square

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



5F105F



622100



004206



004377

# Rectangle

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



5F105F



750021



004206



00454C



# Sweetspot

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



5F105F



7A5C7A



10105F



3D2B3D



BDBDBD



3D3D3D



# Same Dimension

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



5F105F



7A007A



5F1038



302C30



700070



F000F0



# Inverse Universe

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



5F105F



7A007A



105F38



302C30



700070

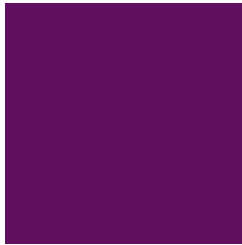


F000F0



# Previews

## White Background



This preview shows how the Hex color 5F105F looks on a white background.

## Color Contrast Check

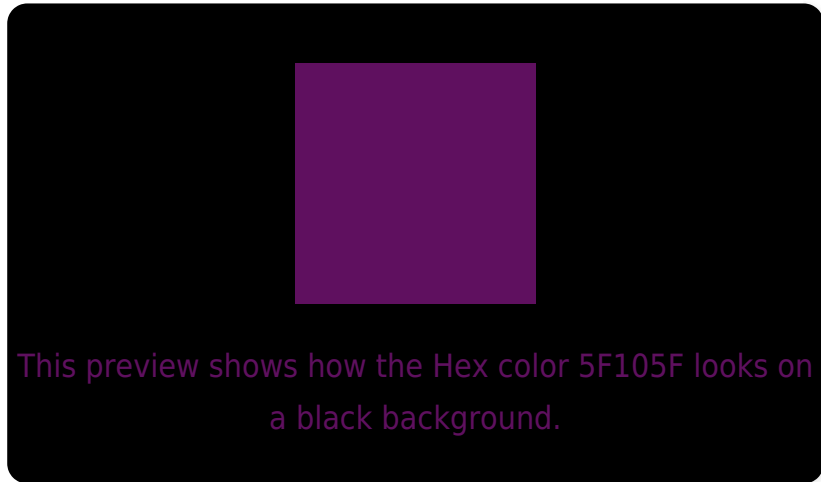
Large Text (above 18pt) WCAG AA ✓ Pass

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

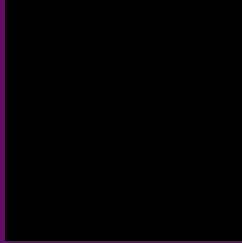
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F105F Background



This preview shows how black text looks on a background with the Hex color 5F105F.

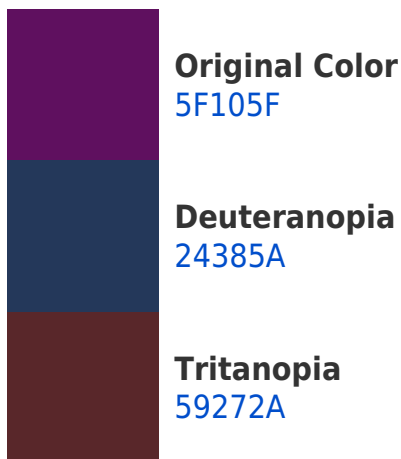


This preview shows how white text looks on a background with the Hex color 5F105F.

# 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



# Trichromacy



**Original Color**  
5F105F

**Deuteranomaly**  
39295C

**Tritanomaly**  
5B1F3D

# Monochromacy



**Original Color**  
5F105F

**Achromatopsia**  
313131

**Achromatomaly**  
422542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F105F 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 #5F105F looks like.

```
.text, #text, p{  
    color:#5F105F  
}
```

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 #5F105F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F105F
}
```

## Border

The CSS property to change the border of an element to Hex 5F105F 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
#5F105F }
```

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

```
.border{ border-color:#5F105F }
```

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

Here you see how a box with a 4 pixel #5F105F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F105F; -webkit-box-shadow:4px 4px  
4px 4px #5F105F; box-shadow:4px 4px 4px  
4px #5F105F }
```

# Background

The CSS property to change the background color of an element to Hex 5F105F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F105F }
```

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

```
.background{ background-color:#5F105F }
```

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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