

# Converting Colors

Hex(57163F)

Have a look what the booklet for  
Hex(57163F) contains.

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**Color**

**Hex(57163F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57163F
RGB	87, 22, 63
RGB Percent	34%, 9%, 25%
CMY	0.6588, 0.9137, 0.7529
CMYK	0.00, 0.75, 0.28, 0.66
HSL	322°, 60%, 21%
HSV	322°, 75%, 34%
XYZ	5.1146, 2.9589, 5.0042
YIQ	46.1090, 25.5790, 26.5310

# Conversions

## Conversions Part 2

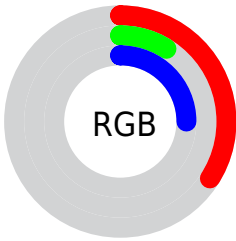
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 22, 63
Decimal	5707327
CIELab	19.88, 34.12, -9.78
CIELCh	20, 35.492, 344.005
Yxy	2.9589, 0.3911, 0.2263
Android (android.graphics.Color)	4283897407 (0xFF57163F)
YUV	46.1090, 8.3273, 35.8614
Hunter-Lab	17.2016, 22.9712, -5.2072

# Details

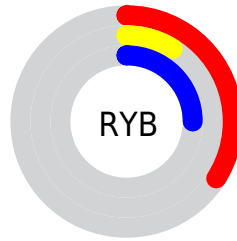
The Hex color **57163F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **16572E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8B476F**, and **2A0015** is the 20% darker color. If you saturate the color by 10%, you get **570D3C**, and if you desaturate by 10%, it is **571F42**.

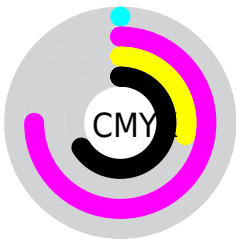
# Distribution



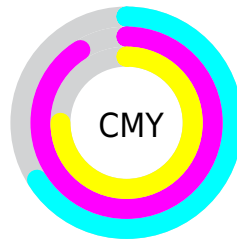
- Red (34%)
- Green (9%)
- Blue (25%)



- Red (34%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (28%)
- Black (66%)



- Cyan (66%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57163F 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 57163F by changing the saturation by 10% instead.



 57163F

 57163F

FFFFFF

 3E0029

 8B476F

 2A0015

 A76088

 000000

 C27AA2

 DF94BD

 FCAFD9

 FFCBF6

 FFE7FF

 57163F

 57163F

■ 570D3C

■ 571F42

■ 570539

■ 572745

■ 570037

■ 573049

■ 57394C

■ 57424F

■ 574A52

■ 575355

■ 575C59

■ 57645C

# Harmonies

## Analogous

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



402356



57163F



5E1325

# Triad

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



57163F



313300



003B54

# Complementary

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



57163F



16572E

# 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.



003C3C



57163F



113804

# Square

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



57163F



482A00



003B21



003762

# Rectangle

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



57163F



5A1915



003B21



003B4D



# Sweetspot

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



57163F



705867



2E1657



382A33



B8B8B8



383838



# Same Dimension

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



57163F



700B4B



57161F



2B272A



6B0044



EB0094



# Inverse Universe

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



57163F



700B4B



16574E



2B272A



6B0044

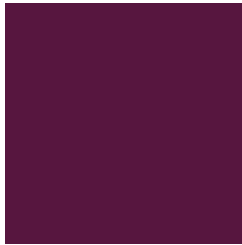


EB0094



# Previews

## White Background



This preview shows how the Hex color 57163F looks on a white background.

## Color Contrast Check

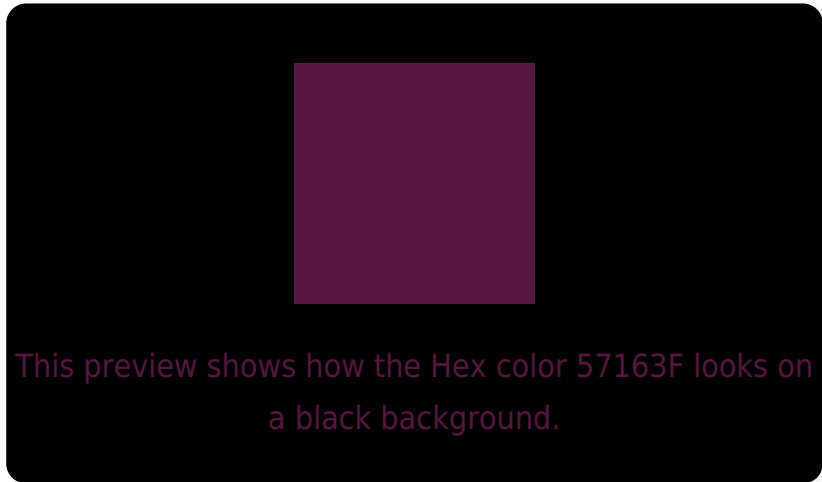
Large Text (above 18pt) WCAG AA ✓ Pass

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

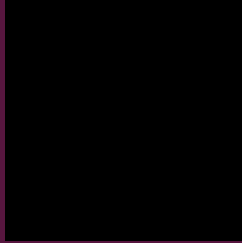
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57163F Background



This preview shows how black text looks on a background with the Hex color 57163F.



This preview shows how white text looks on a background with the Hex color 57163F.

# 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**  
57163F

**Protanopia**  
243153

**Deuteranopia**  
32313B



**Tritanopia**  
551F21

# Trichromacy



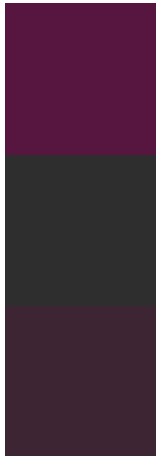
**Original Color**  
57163F

**Protanomaly**  
37274C

**Deuteranomaly**  
3F273C

**Tritanomaly**  
561C2C

# Monochromacy



**Original Color**  
57163F

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
3D2534

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57163F 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 #57163F looks like.

```
.text, #text, p{  
    color:#57163F  
}
```

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 #57163F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57163F
}
```

## Border

The CSS property to change the border of an element to Hex 57163F 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
#57163F }
```

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

```
.border{ border-color:#57163F }
```

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

Here you see how a box with a 4 pixel #57163F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57163F; -webkit-box-shadow:4px 4px  
4px 4px #57163F; box-shadow:4px 4px 4px  
4px #57163F }
```

# Background

The CSS property to change the background color of an element to Hex 57163F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57163F }
```

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

```
.background{ background-color:#57163F }
```

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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