

# Converting Colors

Hex(5E0747)

Have a look what the booklet for  
Hex(5E0747) contains.

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**Color**

**Hex(5E0747)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E0747
RGB	94, 7, 71
RGB Percent	37%, 3%, 28%
CMY	0.6314, 0.9725, 0.7216
CMYK	0.00, 0.93, 0.24, 0.63
HSL	316°, 86%, 20%
HSV	316°, 93%, 37%
XYZ	5.8294, 2.9866, 6.2305
YIQ	40.3090, 31.3080, 38.3480

# Conversions

## Conversions Part 2

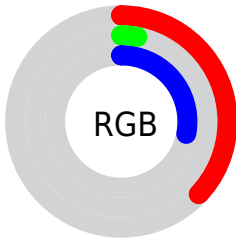
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 7, 71
Decimal	6162247
CIELab	19.99, 42.05, -15.02
CIELCh	20, 44.653, 340.347
Yxy	2.9866, 0.3874, 0.1985
Android (android.graphics.Color)	4284352327 (0xFF5E0747)
YUV	40.3090, 15.1307, 47.0870
Hunter-Lab	17.2817, 29.9680, -9.2782

# Details

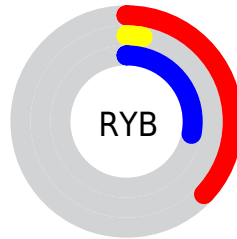
The Hex color **5E0747** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **075E1E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **934078**, and **2F001C** is the 20% darker color. If you saturate the color by 10%, you get **5E0045**, and if you desaturate by 10%, it is **5E1049**.

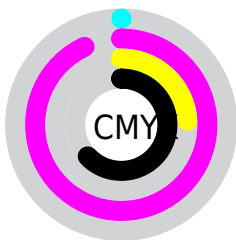
# Distribution



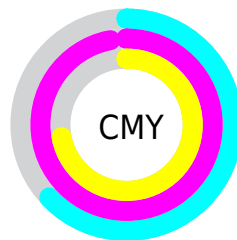
- Red (37%)
- Green (3%)
- Blue (28%)



- Red (37%)
- Yellow (3%)
- Blue (28%)



- Cyan (0%)
- Magenta (93%)
- Yellow (24%)
- Black (63%)



- Cyan (63%)
- Magenta (97%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E0747 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 5E0747 by changing the saturation by 10% instead.



 5E0747

 5E0747

FFFFFF

 440030

 934078

 2F001C

 AF5991

 000000

 CC73AC

 E88EC7

 FFA9E3

 FFC5FF

 FFE2FF

 5E0747

 5E0747

■ 5E0045

■ 5E1049

■ 5E1A4C

■ 5E234E

■ 5E2D51

■ 5E3653

■ 5E3F56

■ 5E4958

■ 5E525B

■ 5E5C5D

# Harmonies

## Analogous

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



3E2163



5E0747



680027

# Triad

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



5E0747



333300



003D5A

# Complementary

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



5E0747



075E1E

# 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.



003E3B



5E0747



0B3900

# Square

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



5E0747



4E2600



003D19



003A6E

# Rectangle

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



5E0747



650911



003D19



003E51



# Sweetspot

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



5E0747



7A5871



1D075E



3D2838



BDBDBD



3D3D3D



# Same Dimension

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



5E0747



7A005A



5E071D



2E292D



6E0051



ED00AE



# Inverse Universe

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



5E0747



7A005A



075E48



2E292D



6E0051

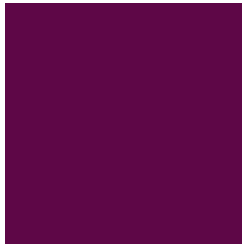


ED00AE



# Previews

## White Background



This preview shows how the Hex color 5E0747 looks on a white background.

## Color Contrast Check

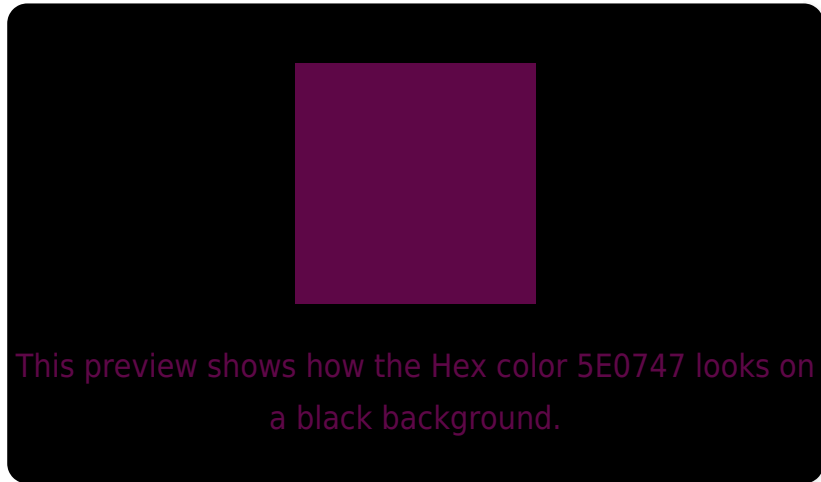
Large Text (above 18pt) WCAG AA ✓ Pass

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

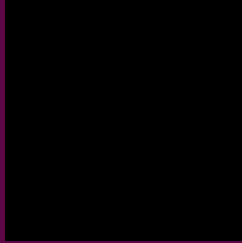
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E0747 Background



This preview shows how black text looks on a background with the Hex color 5E0747.

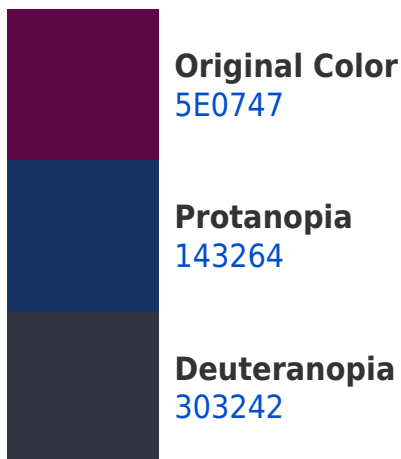


This preview shows how white text looks on a background with the Hex color 5E0747.

# 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**  
5B1C1E

# Trichromacy



**Original Color**  
5E0747

**Protanomaly**  
2F2259

**Deuteranomaly**  
412244

**Tritanomaly**  
5C142D

# Monochromacy



**Original Color**  
5E0747

**Achromatopsia**  
282828

**Achromatomaly**  
3C1C33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E0747 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 #5E0747 looks like.

```
.text, #text, p{  
    color:#5E0747  
}
```

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 #5E0747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0747
}
```

## Border

The CSS property to change the border of an element to Hex 5E0747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

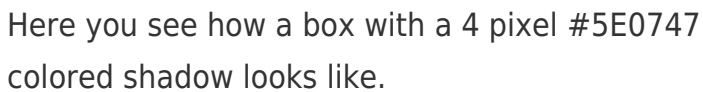
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E0747 }
```

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

```
.border{ border-color:#5E0747 }
```

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



Here you see how a box with a 4 pixel #5E0747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0747; -webkit-box-shadow:4px 4px  
4px 4px #5E0747; box-shadow:4px 4px 4px  
4px #5E0747 }
```

# Background

The CSS property to change the background color of an element to Hex 5E0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0747 }
```

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

```
.background{ background-color:#5E0747 }
```

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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