

# Converting Colors

Hex(5E2257)

Have a look what the booklet for  
Hex(5E2257) contains.

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# Color

**Hex(5E2257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E2257
RGB	94, 34, 87
RGB Percent	37%, 13%, 34%
CMY	0.6314, 0.8667, 0.6588
CMYK	0.00, 0.64, 0.07, 0.63
HSL	307°, 47%, 25%
HSV	307°, 64%, 37%
XYZ	6.9084, 4.2119, 9.4657
YIQ	57.9820, 18.7470, 29.2030

# Conversions

## Conversions Part 2

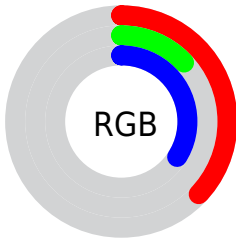
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 34, 87
Decimal	6169175
CIE <sub>Lab</sub>	24.36, 34.70, -19.01
CIE <sub>LCh</sub>	24, 39.568, 331.281
Yxy	4.2119, 0.3356, 0.2046
Android (android.graphics.Color)	4284359255 (0xFF5E2257)
YUV	57.9820, 14.3059, 31.5878
Hunter-Lab	20.5228, 24.1720, -12.9802

# Details

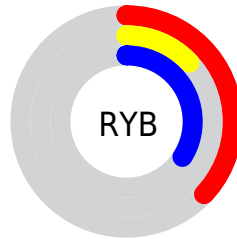
The Hex color **5E2257** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **225E29**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **925389**, and **2E0029** is the 20% darker color. If you saturate the color by 10%, you get **5E1956**, and if you desaturate by 10%, it is **5E2B58**.

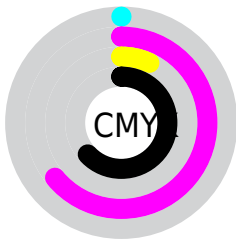
# Distribution



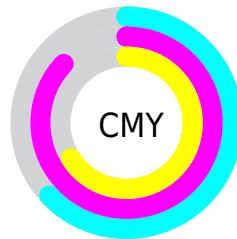
- Red (37%)
- Green (13%)
- Blue (34%)



- Red (37%)
- Yellow (13%)
- Blue (34%)



- Cyan (0%)
- Magenta (64%)
- Yellow (7%)
- Black (63%)



- Cyan (63%)
- Magenta (87%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E2257 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 5E2257 by changing the saturation by 10% instead.



 5E2257

 5E2257

FFFFFF

 450740

 925389

 2E0029

 AE6CA3

 100014

 C986BF

 000000

 E6A1DA

 FFBCF7

 FFD8FF

 FFF5FF

 5E2257

 5E2257

■ 5E1956

■ 5E2B58

■ 5E0F55

■ 5E3559

■ 5E0654

■ 5E3E5A

■ 5E0053

■ 5E485B

■ 5E515C

■ 5E5A5E

■ 5E645F

■ 5E6D60

■ 5E7761

# Harmonies

## Analogous

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



39316D



5E2257



6D183A

# Triad

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



5E2257



473900



004758

# Complementary

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



5E2257



225E29

# 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.



00473A



5E2257



284100

# Square

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



5E2257



5D2D00



00451B



00446E

# Rectangle

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



5E2257



6E1B26



00451B



00474F



# Sweetspot

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



5E2257



7A6378



29225E



3D2F3C



BDBDBD



3D3D3D



# Same Dimension

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



5E2257



7A1C6F



5E2239



2E292D



6E0061



ED00D1



# Inverse Universe

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



5E2257



7A1C6F



225E47



2E292D



6E0061



ED00D1



# Previews

## White Background



This preview shows how the Hex color 5E2257 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

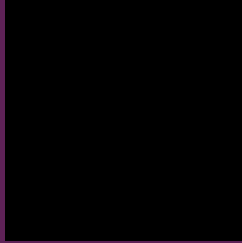
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E2257 Background



This preview shows how black text looks on a background with the Hex color 5E2257.



This preview shows how white text looks on a background with the Hex color 5E2257.

# 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**  
5E2257

**Protanopia**  
22396B

**Deuteranopia**  
323A53



**Tritanopia**  
5A2D30

# Trichromacy



**Original Color**  
5E2257

**Protanomaly**  
383164

**Deuteranomaly**  
423154

**Tritanomaly**  
5B293E

# Monochromacy



**Original Color**  
5E2257

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
473145

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E2257 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 #5E2257 looks like.

```
.text, #text, p{  
    color:#5E2257  
}
```

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 #5E2257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2257
}
```

## Border

The CSS property to change the border of an element to Hex 5E2257 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
#5E2257 }
```

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

```
.border{ border-color:#5E2257 }
```

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

Here you see how a box with a 4 pixel #5E2257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2257; -webkit-box-shadow:4px 4px  
4px 4px #5E2257; box-shadow:4px 4px 4px  
4px #5E2257 }
```

# Background

The CSS property to change the background color of an element to Hex 5E2257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2257 }
```

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

```
.background{ background-color:#5E2257 }
```

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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