

# Converting Colors

Hex(57335E)

Have a look what the booklet for  
Hex(57335E) contains.

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# Color

**Hex(57335E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57335E
RGB	87, 51, 94
RGB Percent	34%, 20%, 37%
CMY	0.6588, 0.8000, 0.6314
CMYK	0.07, 0.46, 0.00, 0.63
HSL	290°, 30%, 28%
HSV	290°, 46%, 37%
XYZ	7.1347, 5.2020, 11.2177
YIQ	66.6660, 7.6530, 21.0050

# Conversions

## Conversions Part 2

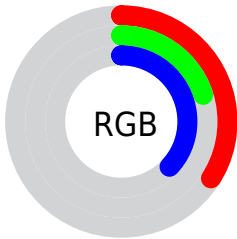
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 51, 94
Decimal	5714782
CIE Lab	27.30, 24.27, -19.10
CIE LCh	27, 30.883, 321.799
Yxy	5.2020, 0.3029, 0.2209
Android (android.graphics.Color)	4283904862 (0xFF57335E)
YUV	66.6660, 13.4757, 17.8329
Hunter-Lab	22.8080, 15.9236, -13.1952

# Details

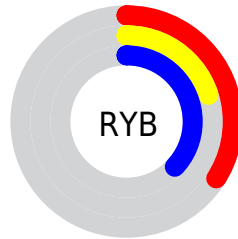
The Hex color **57335E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A5E33**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A6391**, and **280730** is the 20% darker color. If you saturate the color by 10%, you get **552A5E**, and if you desaturate by 10%, it is **593C5E**.

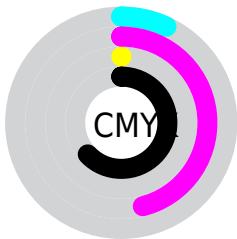
# Distribution



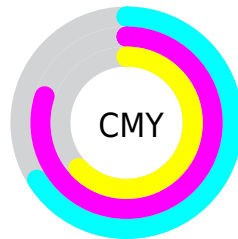
- Red (34%)
- Green (20%)
- Blue (37%)



- Red (34%)
- Yellow (20%)
- Blue (37%)



- Cyan (7%)
- Magenta (46%)
- Yellow (0%)
- Black (63%)



- Cyan (66%)
- Magenta (80%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57335E 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 57335E by changing the saturation by 10% instead.



■ 57335E

■ 57335E

FFFFFF

■ 3F1D46

■ 8A6391

■ 280730

■ A47CAB

■ 0F001B

■ C096C7

■ 000000

■ DCB1E3

■ F9CCFF

■ FFE9FF

■ 57335E

■ 57335E

■ 552A5E

■ 593C5E

■ 54205E

■ 5A465E

■ 52175E

■ 5C4F5E

■ 510D5E

■ 5D595E

■ 4F045E

■ 5F625E

■ 4F005E

■ 606B5E

■ 62755E

■ 637E5E

■ 65885E

# Harmonies

## Analogous

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



363D6C



57335E



682C48

# Triad

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



57335E



533D0F



004C51

# Complementary

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



57335E



3A5E33

# 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.



004C39



57335E



3C4411

# Square

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



57335E



63341C



1F4922



004A65

# Rectangle

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



57335E



6C2B38



1F4922



004C49



# Sweetspot

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



57335E



78697A



333A5E



3C333D



BDBDBD



3D3D3D



# Same Dimension

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



57335E



6F377A



5E3350



2D292E



5C006E



C700ED



# Inverse Universe

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



5E333A



7A3742



335E41



2E292A



6E0012

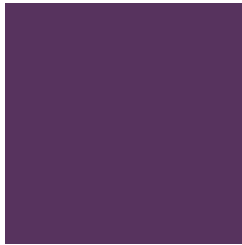


ED0027



# Previews

## White Background



This preview shows how the Hex color 57335E 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

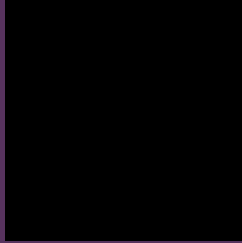
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57335E Background



This preview shows how black text looks on a background with the Hex color 57335E.

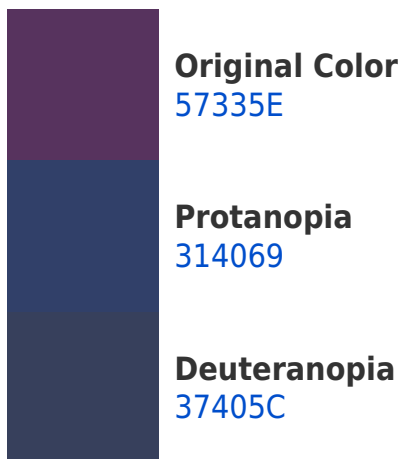


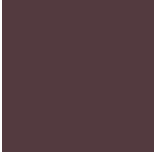
This preview shows how white text looks on a background with the Hex color 57335E.

# 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**  
533A3F

# Trichromacy



**Original Color**  
57335E

**Protanomaly**  
3F3B65

**Deuteranomaly**  
433B5D

**Tritanomaly**  
54374A

# Monochromacy



**Original Color**  
57335E

**Achromatopsia**  
434343

**Achromatomaly**  
4A3D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57335E 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 #57335E looks like.

```
.text, #text, p{  
    color:#57335E  
}
```

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 #57335E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57335E
}
```

## Border

The CSS property to change the border of an element to Hex 57335E is called "border". The border property can be set on classes, ids or directly on the HTML element.

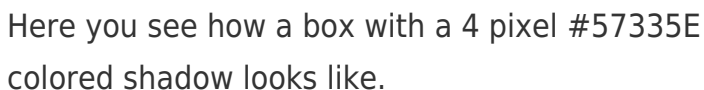
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57335E }
```

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

```
.border{ border-color:#57335E }
```

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



Here you see how a box with a 4 pixel #57335E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57335E; -webkit-box-shadow:4px 4px  
4px 4px #57335E; box-shadow:4px 4px 4px  
4px #57335E }
```

# Background

The CSS property to change the background color of an element to Hex 57335E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57335E }
```

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

```
.background{ background-color:#57335E }
```

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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