

Converting Colors

Hex(57315E)

Have a look what the booklet for
Hex(57315E) contains.

Hex(57315E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57315E)

Conversions

Conversions Part 1

Format	Color
Hex	57315E
RGB	87, 49, 94
RGB Percent	34%, 19%, 37%
CMY	0.6588, 0.8078, 0.6314
CMYK	0.07, 0.48, 0.00, 0.63
HSL	291°, 31%, 28%
HSV	291°, 48%, 37%
XYZ	7.0492, 5.0310, 11.1892
YIQ	65.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

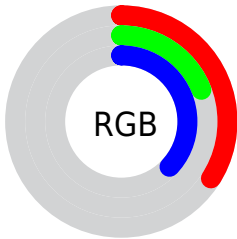
Format	Color
R_{YB}	87, 49, 94
Decimal	5714270
CIE Lab	26.82, 25.49, -19.85
CIE LCh	27, 32.306, 322.097
Yxy	5.0310, 0.3029, 0.2162
Android (android.graphics.Color)	4283904350 (0xFF57315E)
YUV	65.4920, 14.0544, 18.8625
Hunter-Lab	22.4299, 16.8458, -13.8760

Details

The Hex color **57315E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **385E31**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **8A6091**, and **280430** is the 20% darker color. If you saturate the color by 10%, you get **56285E**, and if you desaturate by 10%, it is **583A5E**.

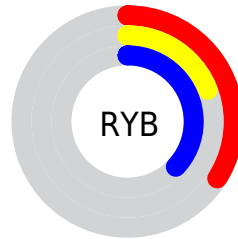
Distribution



Red (34%)

Green (19%)

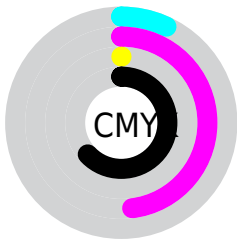
Blue (37%)



Red (34%)

Yellow (19%)

Blue (37%)

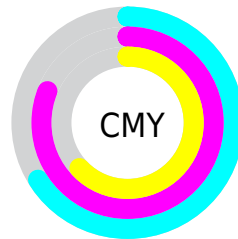


Cyan (7%)

Magenta (48%)

Yellow (0%)

Black (63%)



Cyan (66%)

Magenta (81%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57315E 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 57315E by changing the saturation by 10% instead.

■ 57315E

■ 57315E

FFFFFF

■ 3F1B46

■ 8A6091

■ 280430

■ A57AAB

■ 0E001B

■ C094C7

■ 000000

■ DCAFE3

■ F9CAFF

■ FFE6FF

■ 57315E

■ 57315E

■ 56285E

■ 583A5E

■ 541E5E

■ 5A445E

■ 53155E

■ 5B4D5E

■ 510B5E

■ 5D575E

■ 50025E

■ 5E605E

■ 4F005E

■ 60695E

■ 61735E

■ 637C5E

■ 64865E

Harmonies

Analogous

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



343C6D



57315E



692947

Triad

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



57315E



523C0A



004B51

Complementary

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



57315E



385E31

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.



004B38



57315E



3B440D

Square

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



57315E



633219



1B4820



004966

Rectangle

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



57315E



6C2836



1B4820



004B49

Sweetspot

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



57315E



78697A



31395E



3C333D



BDBDBD



3D3D3D

Same Dimension

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



57315E



70357A



5E314F



2D292E



5D006E



C800ED

Inverse Universe

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



5E3138



7A353F



315E40



2E292A



6E0011



ED0025

Previews

White Background



This preview shows how the Hex color 57315E looks on a white background.

Color Contrast Check

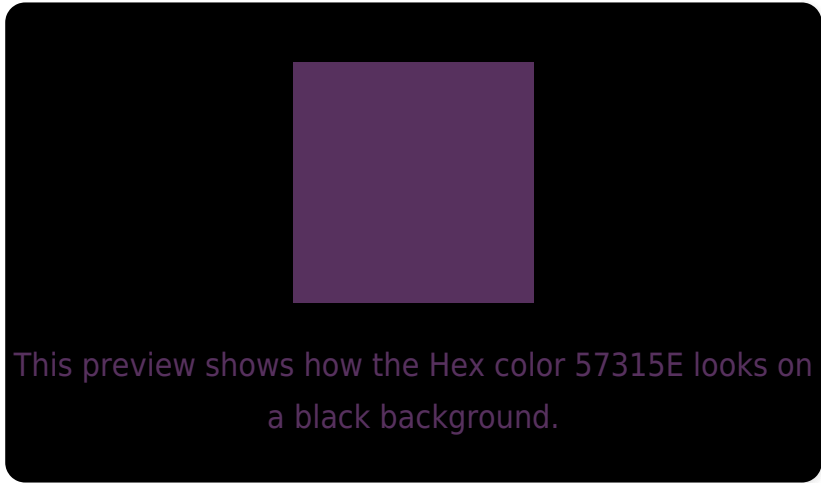
Large Text (above 18pt) WCAG AA ✓ Pass

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

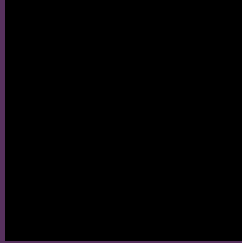
Any Text WCAG AA × Fail

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 57315E Background



This preview shows how black text looks on a background with the Hex color 57315E.



This preview shows how white text looks on a background with the Hex color 57315E.

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
57315E

Protanopia
2E3F6A

Deuteranopia
353F5B



Tritanopia
52393D

Trichromacy



Original Color
57315E

Protanomaly
3D3A66

Deuteranomaly
413A5C

Tritanomaly
543649

Monochromacy



Original Color
57315E

Achromatopsia
414141

Achromatomaly
493B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 57315E 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 #57315E looks like.

```
.text, #text, p{  
    color:#57315E  
}
```

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 #57315E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57315E
}
```

Border

The CSS property to change the border of an element to Hex 57315E is called "border". The border property can be set on classes, ids or directly on the HTML element.

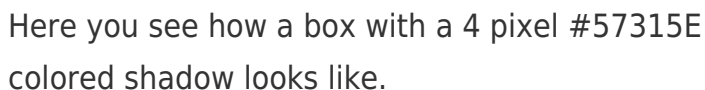
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57315E }
```

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

```
.border{ border-color:#57315E }
```

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



Here you see how a box with a 4 pixel #57315E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57315E; -webkit-box-shadow:4px 4px  
4px 4px #57315E; box-shadow:4px 4px 4px  
4px #57315E }
```

Background

The CSS property to change the background color of an element to Hex 57315E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57315E }
```

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

```
.background{ background-color:#57315E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor