

Converting Colors

Hex(5E2C57)

Have a look what the booklet for
Hex(5E2C57) contains.

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Color

Hex(5E2C57)

Conversions

Conversions Part 1

Format	Color
Hex	5E2C57
RGB	94, 44, 87
RGB Percent	37%, 17%, 34%
CMY	0.6314, 0.8275, 0.6588
CMYK	0.00, 0.53, 0.07, 0.63
HSL	308°, 36%, 27%
HSV	308°, 53%, 37%
XYZ	7.2371, 4.8692, 9.5752
YIQ	63.8520, 15.9970, 23.9730

Conversions

Conversions Part 2

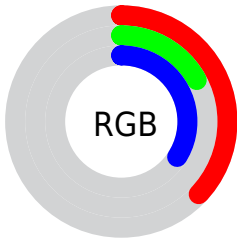
Format	Color
R_YB	94, 44, 87
Decimal	6171735
CIE Lab	26.36, 29.34, -15.91
CIE LCh	26, 33.377, 331.537
Yxy	4.8692, 0.3338, 0.2246
Android (android.graphics.Color)	4284361815 (0xFF5E2C57)
YUV	63.8520, 11.4120, 26.4398
Hunter-Lab	22.0662, 19.9270, -10.2815

Details

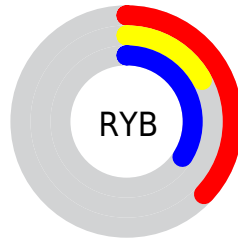
The Hex color **5E2C57** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C5E33**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **925C89**, and **2E0029** is the 20% darker color. If you saturate the color by 10%, you get **5E2356**, and if you desaturate by 10%, it is **5E3558**.

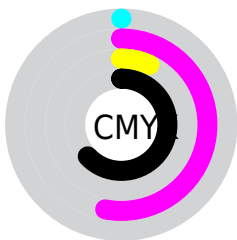
Distribution



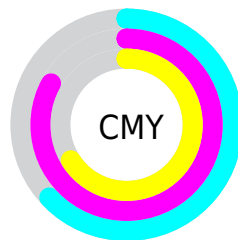
- Red (37%)
- Green (17%)
- Blue (34%)



- Red (37%)
- Yellow (17%)
- Blue (34%)



- Cyan (0%)
- Magenta (53%)
- Yellow (7%)
- Black (63%)



- Cyan (63%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2C57 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 5E2C57 by changing the saturation by 10% instead.

■ 5E2C57

■ 5E2C57

FFFFFF

■ 451540

■ 925C89

■ 2E0029

■ AD75A3

■ 150015

■ C98FBE

■ 000000

■ E5AADA

■ FFC5F7

■ FFE2FF

■ 5E2C57

■ 5E2C57

■ 5E2356

■ 5E3558

■ 5E1954

■ 5E3F5A

■ 5E1053

■ 5E485B

■ 5E0652

■ 5E525C

■ 5E0051

■ 5E5B5E

■ 5E645F

■ 5E6E60

■ 5E7762

■ 5E8163

Harmonies

Analogous

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



40376A



5E2C57



6B263E

Triad

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



5E2C57



4A3E05



004A58

Complementary

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



5E2C57



2C5E33

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.



004A3F



5E2C57



30450F

Square

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



5E2C57



5E3410



044925



00476B

Rectangle

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



5E2C57



6C282D



044925



004A50

Sweetspot

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



5E2C57



7A6778



332C5E



3D323C



BDBDBD



3D3D3D

Same Dimension

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



5E2C57



7A2C6F



5E2C3E



2E292D



6E005E



ED00CC

Inverse Universe

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



5E2C57



7A2C6F



2C5E4C



2E292D



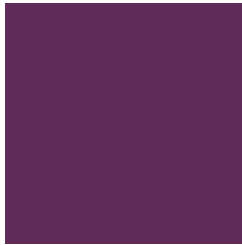
6E005E



ED00CC

Previews

White Background



This preview shows how the Hex color 5E2C57 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

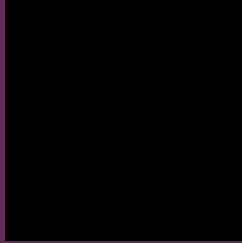
Any Text WCAG AA × Fail

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 5E2C57 Background



This preview shows how black text looks on a background with the Hex color 5E2C57.



This preview shows how white text looks on a background with the Hex color 5E2C57.

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
5E2C57

Protanopia
303E66

Deuteranopia
3A3E54



Tritanopia
5A3437

Trichromacy



Original Color
5E2C57

Protanomaly
413761

Deuteranomaly
473755

Tritanomaly
5B3143

Monochromacy



Original Color
5E2C57

Achromatopsia
404040

Achromatomaly
4B3948

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2C57 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 #5E2C57 looks like.

```
.text, #text, p{  
    color:#5E2C57  
}
```

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 #5E2C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2C57
}
```

Border

The CSS property to change the border of an element to Hex 5E2C57 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
#5E2C57 }
```

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

```
.border{ border-color:#5E2C57 }
```

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

Here you see how a box with a 4 pixel #5E2C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2C57; -webkit-box-shadow:4px 4px  
4px 4px #5E2C57; box-shadow:4px 4px 4px  
4px #5E2C57 }
```

Background

The CSS property to change the background color of an element to Hex 5E2C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2C57 }
```

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

```
.background{ background-color:#5E2C57 }
```

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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