

# Converting Colors

Hex(5E2D4F)

Have a look what the booklet for  
Hex(5E2D4F) contains.

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# Color

**Hex(5E2D4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E2D4F
RGB	94, 45, 79
RGB Percent	37%, 18%, 31%
CMY	0.6314, 0.8235, 0.6902
CMYK	0.00, 0.52, 0.16, 0.63
HSL	318°, 35%, 27%
HSV	318°, 52%, 37%
XYZ	6.9658, 4.8210, 7.9605
YIQ	63.5270, 18.2900, 20.9620

# Conversions

## Conversions Part 2

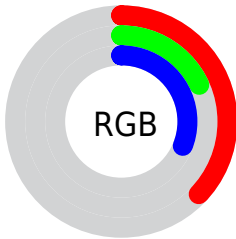
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 45, 79
Decimal	6171983
CIELab	26.22, 27.26, -10.84
CIElCh	26, 29.340, 338.321
Yxy	4.8210, 0.3527, 0.2441
Android (android.graphics.Color)	4284362063 (0xFF5E2D4F)
YUV	63.5270, 7.6282, 26.7248
Hunter-Lab	21.9567, 18.2049, -6.1263

# Details

The Hex color **5E2D4F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D5E3C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **925D80**, and **2E0023** is the 20% darker color. If you saturate the color by 10%, you get **5E244C**, and if you desaturate by 10%, it is **5E3652**.

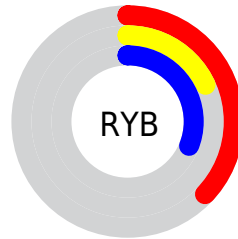
# Distribution



Red (37%)

Green (18%)

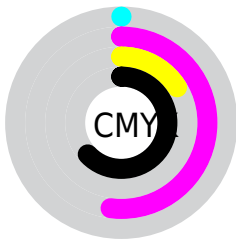
Blue (31%)



Red (37%)

Yellow (18%)

Blue (31%)

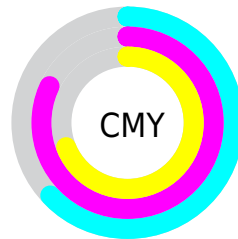


Cyan (0%)

Magenta (52%)

Yellow (16%)

Black (63%)



Cyan (63%)

Magenta (82%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E2D4F 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 5E2D4F by changing the saturation by 10% instead.



5E2D4F

5E2D4F

FFFFFF

451638

925D80

2E0023

AD769A

14000B

C990B5

000000

E5ABD1

FFC6ED

FFE2FF

5E2D4F

5E2D4F

5E244C

5E3652

■ 5E1A49

■ 5E4055

■ 5E1146

■ 5E4958

■ 5E0743

■ 5E535B

■ 5E0041

■ 5E5C5D

■ 5E6560

■ 5E6F63

■ 5E7866

■ 5E8269

# Harmonies

## Analogous

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



473661



5E2D4F



672A39

# Triad

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



5E2D4F



443F0F



004859

# Complementary

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



5E2D4F



2D5E3C

# 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.



004944



5E2D4F



2D4519

# Square

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



5E2D4F



573714



03482D



004567

# Rectangle

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



5E2D4F



662C2A



03482D



004953



# Sweetspot

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



5E2D4F



7A6774



3C2D5E



3D323A



BDBDBD



3D3D3D



# Same Dimension

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



5E2D4F



7A2D63



5E2D37



2E292C



6E004C



ED00A5



# Inverse Universe

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



5E2D4F



7A2D63



2D5E54



2E292C



6E004C

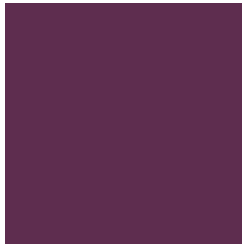


ED00A5



# Previews

## White Background



This preview shows how the Hex color 5E2D4F 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 5E2D4F Background



This preview shows how black text looks on a background with the Hex color 5E2D4F.



This preview shows how white text looks on a background with the Hex color 5E2D4F.

# 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**  
5E2D4F

**Protanopia**  
353E5C

**Deuteranopia**  
3E3D4C



**Tritanopia**  
5B3336

# Trichromacy



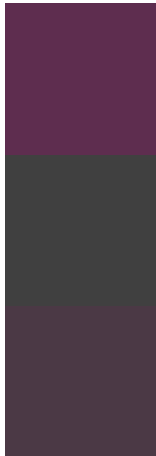
**Original Color**  
5E2D4F

**Protanomaly**  
443857

**Deuteranomaly**  
4A374D

**Tritanomaly**  
5C313F

# Monochromacy



**Original Color**  
5E2D4F

**Achromatopsia**  
404040

**Achromatomaly**  
4B3945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E2D4F 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 #5E2D4F looks like.

```
.text, #text, p{  
    color:#5E2D4F  
}
```

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 #5E2D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2D4F
}
```

## Border

The CSS property to change the border of an element to Hex 5E2D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

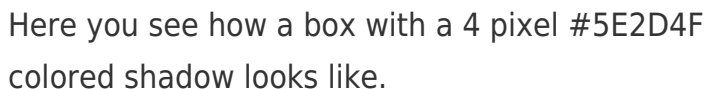
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2D4F }
```

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

```
.border{ border-color:#5E2D4F }
```

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



Here you see how a box with a 4 pixel #5E2D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2D4F; -webkit-box-shadow:4px 4px  
4px 4px #5E2D4F; box-shadow:4px 4px 4px  
4px #5E2D4F }
```

# Background

The CSS property to change the background color of an element to Hex 5E2D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2D4F }
```

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

```
.background{ background-color:#5E2D4F }
```

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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