

# Converting Colors

Hex(5F2D4A)

Have a look what the booklet for  
Hex(5F2D4A) contains.

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# Color

**Hex(5F2D4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F2D4A
RGB	95, 45, 74
RGB Percent	37%, 18%, 29%
CMY	0.6275, 0.8235, 0.7098
CMYK	0.00, 0.53, 0.22, 0.63
HSL	325°, 36%, 27%
HSV	325°, 53%, 37%
XYZ	6.8937, 4.8041, 7.0425
YIQ	63.2560, 20.4910, 19.6190

# Conversions

## Conversions Part 2

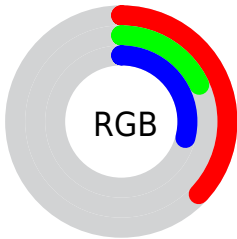
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 45, 74
Decimal	6237514
CIELab	26.17, 26.75, -7.58
CIElCh	26, 27.806, 344.188
Yxy	4.8041, 0.3679, 0.2564
Android (android.graphics.Color)	4284427594 (0xFF5F2D4A)
YUV	63.2560, 5.2968, 27.8395
Hunter-Lab	21.9182, 17.7851, -3.7076

# Details

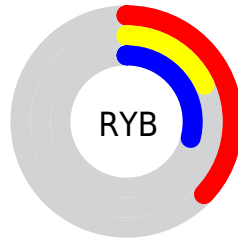
The Hex color **5F2D4A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D5F42**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **935D7B**, and **2F001E** is the 20% darker color. If you saturate the color by 10%, you get **5F2446**, and if you desaturate by 10%, it is **5F374E**.

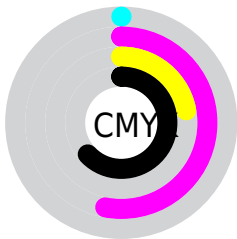
# Distribution



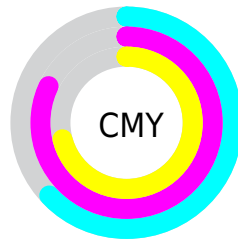
- Red (37%)
- Green (18%)
- Blue (29%)



- Red (37%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (22%)
- Black (63%)



- Cyan (63%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F2D4A 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 5F2D4A by changing the saturation by 10% instead.



5F2D4A

5F2D4A

FFFFFF

461633

935D7B

2F001E

AE7694

160003

CA90AF

000000

E6ABCA

FFC6E7

FFE2FF

5F2D4A

5F2D4A

5F2446

5F374E

■ 5F1A42

■ 5F4052

■ 5F113E

■ 5F4A56

■ 5F073A

■ 5F535A

■ 5F0037

■ 5F5D5E

■ 5F6662

■ 5F7066

■ 5F796A

■ 5F836E

# Harmonies

## Analogous

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



4C345C



5F2D4A



652C35

# Triad

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



5F2D4A



404012



00475B

# Complementary

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



5F2D4A



2D5F42

# 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.



004848



5F2D4A



28451E

# Square

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



5F2D4A



533914



004832



004366

# Rectangle

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



5F2D4A



632F27



004832



004855



# Sweetspot

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



5F2D4A



7A6772



422D5F



3D3238



BDBDBD



3D3D3D



# Same Dimension

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



5F2D4A



7A2D5A



5F2D31



302C2E



700041



F0008B



# Inverse Universe

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



5F2D4A



7A2D5A



2D5F5B



302C2E



700041

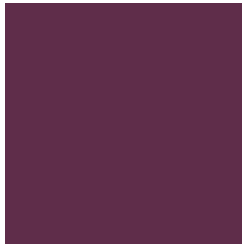


F0008B



# Previews

## White Background



This preview shows how the Hex color 5F2D4A 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

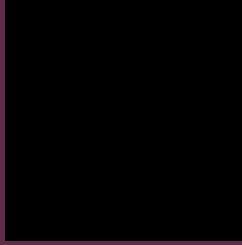
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F2D4A Background



This preview shows how black text looks on a background with the Hex color 5F2D4A.



This preview shows how white text looks on a background with the Hex color 5F2D4A.

# 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**  
5F2D4A

**Protanopia**  
383E56

**Deuteranopia**  
413D47



**Tritanopia**  
5D3135

# Trichromacy



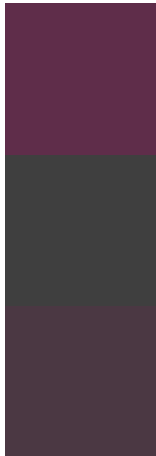
**Original Color**  
5F2D4A

**Protanomaly**  
463852

**Deuteranomaly**  
4C3748

**Tritanomaly**  
5E303D

# Monochromacy



**Original Color**  
5F2D4A

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
4B3843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F2D4A 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 #5F2D4A looks like.

```
.text, #text, p{  
    color:#5F2D4A  
}
```

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 #5F2D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2D4A
}
```

## Border

The CSS property to change the border of an element to Hex 5F2D4A 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
#5F2D4A }
```

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

```
.border{ border-color:#5F2D4A }
```

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

Here you see how a box with a 4 pixel #5F2D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2D4A; -webkit-box-shadow:4px 4px  
4px 4px #5F2D4A; box-shadow:4px 4px 4px  
4px #5F2D4A }
```

# Background

The CSS property to change the background color of an element to Hex 5F2D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2D4A }
```

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

```
.background{ background-color:#5F2D4A }
```

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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