

# Converting Colors

Hex(5F2D32)

Have a look what the booklet for  
Hex(5F2D32) contains.

<b>Hex(5F2D32)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5F2D32)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F2D32
RGB	95, 45, 50
RGB Percent	37%, 18%, 20%
CMY	0.6275, 0.8235, 0.8039
CMYK	0.00, 0.53, 0.47, 0.63
HSL	354°, 36%, 27%
HSV	354°, 53%, 37%
XYZ	6.2334, 4.5400, 3.5654
YIQ	60.5200, 28.1950, 12.1550

# Conversions

## Conversions Part 2

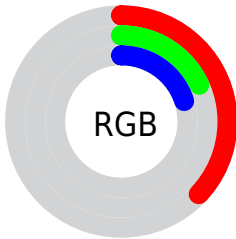
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 45, 50
Decimal	6237490
CIE <sub>Lab</sub>	25.38, 23.27, 7.36
CIE <sub>LCh</sub>	25, 24.403, 17.561
Yxy	4.5400, 0.4347, 0.3166
Android (android.graphics.Color)	4284427570 (0xFF5F2D32)
YUV	60.5200, -5.1864, 30.2390
Hunter-Lab	21.3072, 14.9327, 4.9939

# Details

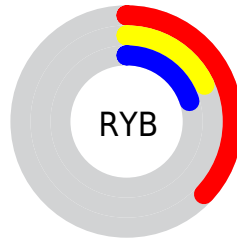
The Hex color **5F2D32** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D5F5A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **945C60**, and **2F0003** is the 20% darker color. If you saturate the color by 10%, you get **5F2429**, and if you desaturate by 10%, it is **5F373B**.

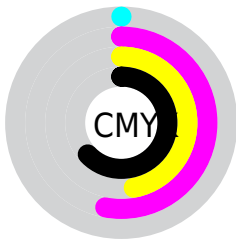
# Distribution



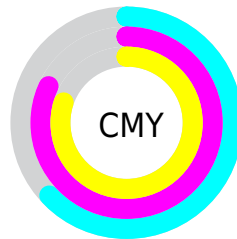
- Red (37%)
- Green (18%)
- Blue (20%)



- Red (37%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (47%)
- Black (63%)



- Cyan (63%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F2D32 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 5F2D32 by changing the saturation by 10% instead.



 5F2D32

 5F2D32

FFFFFF

 46171D

 945C60

 2F0003

 AF7579

 090000

 CB8F93

 000000

 E8AAAD

 FFC5C8

 FFE1E4

FFFEFF

 5F2D32

 5F2D32

■ 5F2429

■ 5F373B

■ 5F1A21

■ 5F4043

■ 5F1118

■ 5F4A4C

■ 5F0710

■ 5F5354

■ 5F000A

■ 5F5D5D

■ 5F6665

■ 5F706E

■ 5F7976

■ 5F837F

# Harmonies

## Analogous

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



5A2E45



5F2D32



5A3222

# Triad

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



5F2D32



274322



004060

# Complementary

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



5F2D32



2D5F5A

# 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.



004457



5F2D32



054534

# Square

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



5F2D32



3C3F17



004647



313A5F

# Rectangle

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



5F2D32



52361A



004647



00425E



# Sweetspot

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



5F2D32



7A6769



5A2D5F



3D3233



BDBDBD



3D3D3D



# Same Dimension

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



5F2D32



7A2D35



5F412D



302C2C



70000B



F00018



# Inverse Universe

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



5F2D32



7A2D35



2D4B5F



302C2C



70000B

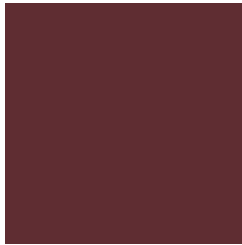


F00018



# Previews

## White Background



This preview shows how the Hex color 5F2D32 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

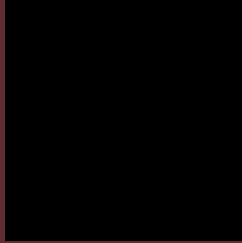
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F2D32 Background



This preview shows how black text looks on a background with the Hex color 5F2D32.



This preview shows how white text looks on a background with the Hex color 5F2D32.

# 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**  
5F2D32

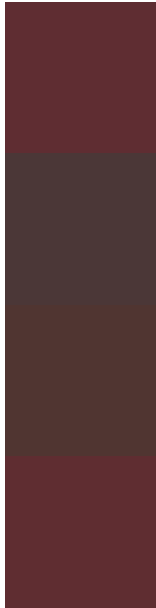
**Protanopia**  
3F3D3A

**Deuteranopia**  
473A30



**Tritanopia**  
5F2D30

# Trichromacy



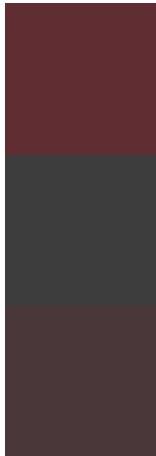
**Original Color**  
5F2D32

**Protanomaly**  
4B3737

**Deuteranomaly**  
503531

**Tritanomaly**  
5F2D31

# Monochromacy



**Original Color**  
5F2D32

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
493739

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F2D32 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 #5F2D32 looks like.

```
.text, #text, p{  
    color:#5F2D32  
}
```

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 #5F2D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2D32
}
```

## Border

The CSS property to change the border of an element to Hex 5F2D32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

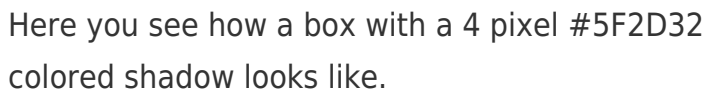
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F2D32 }
```

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

```
.border{ border-color:#5F2D32 }
```

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



Here you see how a box with a 4 pixel #5F2D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2D32; -webkit-box-shadow:4px 4px  
4px 4px #5F2D32; box-shadow:4px 4px 4px  
4px #5F2D32 }
```

# Background

The CSS property to change the background color of an element to Hex 5F2D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2D32 }
```

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

```
.background{ background-color:#5F2D32 }
```

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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