

# Converting Colors

Hex(5D2D32)

Have a look what the booklet for  
Hex(5D2D32) contains.

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**Color**

**Hex(5D2D32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D2D32
RGB	93, 45, 50
RGB Percent	36%, 18%, 20%
CMY	0.6353, 0.8235, 0.8039
CMYK	0.00, 0.52, 0.46, 0.64
HSL	354°, 35%, 27%
HSV	354°, 52%, 36%
XYZ	6.0283, 4.4342, 3.5558
YIQ	59.9220, 27.0030, 11.7310

# Conversions

## Conversions Part 2

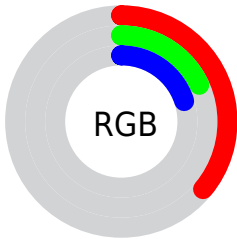
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 45, 50
Decimal	6106418
CIE <sub>Lab</sub>	25.06, 22.42, 6.86
CIE <sub>LCh</sub>	25, 23.451, 17.014
Yxy	4.4342, 0.4300, 0.3163
Android (android.graphics.Color)	4284296498 (0xFF5D2D32)
YUV	59.9220, -4.8915, 29.0094
Hunter-Lab	21.0576, 14.2498, 4.7286




# Details

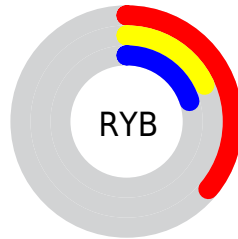
The Hex color **5D2D32** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D5D58**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **915C60**, and **2D0003** is the 20% darker color. If you saturate the color by 10%, you get **5D242A**, and if you desaturate by 10%, it is **5D363A**.

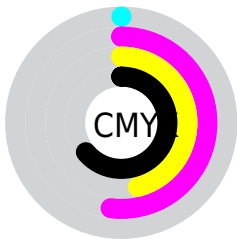
# Distribution







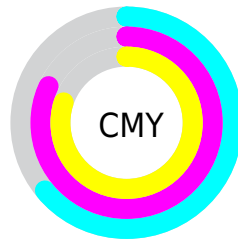
-  Red (36%)
-  Green (18%)
-  Blue (20%)






-  Red (36%)
-  Yellow (18%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (46%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (82%)
-  Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2D32 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 5D2D32 by changing the saturation by 10% instead.




 5D2D32

 5D2D32

FFFFFF

 44171D

 915C60

 2D0003

 AD7579

 030000

 C98F93

 000000

 E5AAAD

 FFC5C8

 FFE1E4

 FFFEFF

 5D2D32

 5D2D32

■ 5D242A

■ 5D363A

■ 5D1A21

■ 5D4043

■ 5D1119

■ 5D494B

■ 5D0811

■ 5D5253

■ 5D000A

■ 5D5C5C

■ 5D6564

■ 5D6E6C

■ 5D7775

■ 5D817D

# Harmonies

## Analogous

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



582E44



5D2D32



583122

# Triad

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



5D2D32



284222



03405E

# Complementary

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



5D2D32



2D5D58

# 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.



004355



5D2D32



0A4433

# Square

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



5D2D32



3C3E18



004445



303A5D

# Rectangle

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



5D2D32



51361B



004445



00415C



# Sweetspot

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



5D2D32



786668



572D5D



3D3233



BDBDBD



3D3D3D



# Same Dimension

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



5D2D32



782E35



5D3F2D



2E292A



6E000B



ED0019



# Inverse Universe

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



5D2D32



782E35



2D4B5D



2E292A



6E000B

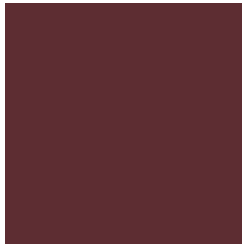


ED0019



# Previews

## White Background



This preview shows how the Hex color 5D2D32 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 5D2D32 Background



This preview shows how black text looks on a background with the Hex color 5D2D32.



This preview shows how white text looks on a background with the Hex color 5D2D32.

# 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**  
5D2D32

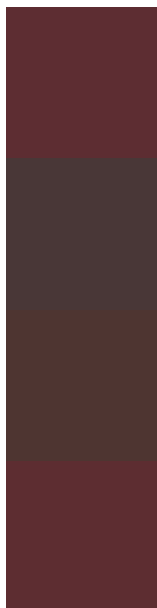
**Protanopia**  
3E3C3A

**Deuteranopia**  
463A30



**Tritanopia**  
5D2D30

# Trichromacy



**Original Color**

5D2D32

**Protanomaly**

493737

**Deuteranomaly**

4E3531

**Tritanomaly**

5D2D31

# Monochromacy



**Original Color**

5D2D32

**Achromatopsia**

3C3C3C

**Achromatomaly**

483738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2D32 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 #5D2D32 looks like.

```
.text, #text, p{  
    color:#5D2D32  
}
```

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 #5D2D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2D32
}
```

## Border

The CSS property to change the border of an element to Hex 5D2D32 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
#5D2D32 }
```

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

```
.border{ border-color:#5D2D32 }
```

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

Here you see how a box with a 4 pixel #5D2D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2D32; -webkit-box-shadow:4px 4px  
4px 4px #5D2D32; box-shadow:4px 4px 4px  
4px #5D2D32 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2D32 }
```

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

```
.background{ background-color:#5D2D32 }
```

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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