

Converting Colors

Hex(5D302C)

Have a look what the booklet for
Hex(5D302C) contains.

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Color

Hex(5D302C)

Conversions

Conversions Part 1

Format	Color
Hex	5D302C
RGB	93, 48, 44
RGB Percent	36%, 19%, 17%
CMY	0.6353, 0.8118, 0.8275
CMYK	0.00, 0.48, 0.53, 0.64
HSL	5°, 36%, 27%
HSV	5°, 53%, 36%
XYZ	6.0258, 4.6229, 2.9576
YIQ	60.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

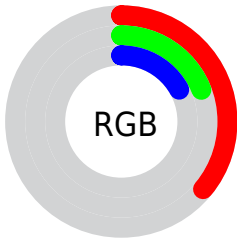
Format	Color
R_{YB}	93, 48, 44
Decimal	6107180
CIE Lab	25.63, 19.92, 11.66
CIE LCh	26, 23.083, 30.339
Yxy	4.6229, 0.4429, 0.3398
Android (android.graphics.Color)	4284297260 (0xFF5D302C)
YUV	60.9990, -8.3805, 28.0649
Hunter-Lab	21.5010, 12.3991, 6.8950

Details

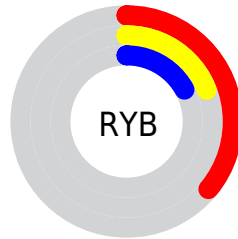
The Hex color **5D302C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C595D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **925F5A**, and **2D0300** is the 20% darker color. If you saturate the color by 10%, you get **5D2723**, and if you desaturate by 10%, it is **5D3935**.

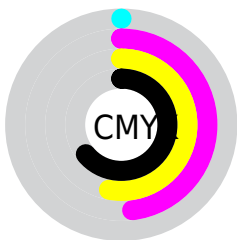
Distribution



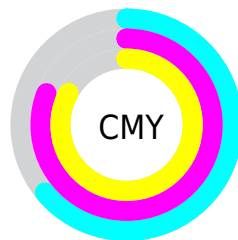
- Red (36%)
- Green (19%)
- Blue (17%)



- Red (36%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (64%)



- Cyan (64%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D302C 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 5D302C by changing the saturation by 10% instead.

 5D302C

 5D302C

FFFFFF

 441A17

 925F5A

 2D0300

 AD7872

 030000

 C9928B

 000000

 E6ADA6

 FFC8C1

 FFE4DD

 FFFFF9

 5D302C

 5D302C

■ 5D2723

■ 5D3935

■ 5D1F19

■ 5D413F

■ 5D1610

■ 5D4A48

■ 5D0E07

■ 5D5251

■ 5D0800

■ 5D5B5B

■ 5D6364

■ 5D6C6D

■ 5D7476

■ 5D7D80

Harmonies

Analogous

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



5D2E3D



5D302C



55361F

Triad

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



5D302C



1F442B



1F3E60

Complementary

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



5D302C



2C595D

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.



00435B



5D302C



00463C

Square

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



5D302C



35411E



00454E



3E385B

Rectangle

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



5D302C



4C3A1A



00454E



0F405F

Sweetspot

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



5D302C



786665



5D2C5A



3D3332



BDBDBD



3D3D3D

Same Dimension

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



5D302C



78332C



5D482C



2E2A29



6E0900



ED1300

Inverse Universe

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



2C595D



2C7278



2C415D



292E2E



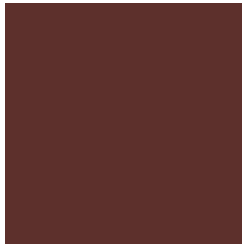
00656E



00DAED

Previews

White Background



This preview shows how the Hex color 5D302C 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

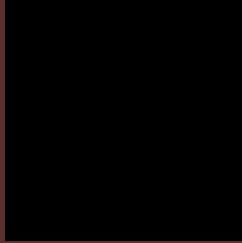
Any Text WCAG AA × Fail

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 5D302C Background



This preview shows how black text looks on a background with the Hex color 5D302C.

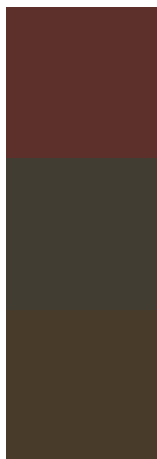


This preview shows how white text looks on a background with the Hex color 5D302C.

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

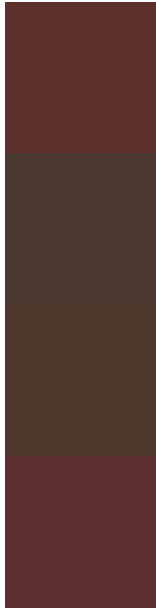


Original Color
5D302C

Protanopia
413D32

Deuteranopia
493B2A

Trichromacy



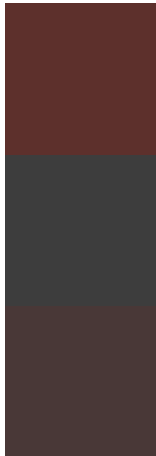
Original Color
5D302C

Protanomaly
4B3830

Deuteranomaly
50372B

Tritanomaly
5D2F30

Monochromacy



Original Color
5D302C

Achromatopsia
3D3D3D

Achromatomaly
493837

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D302C 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 #5D302C looks like.

```
.text, #text, p{  
    color:#5D302C  
}
```

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 #5D302C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D302C
}
```

Border

The CSS property to change the border of an element to Hex 5D302C 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
#5D302C }
```

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

```
.border{ border-color:#5D302C }
```

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

Here you see how a box with a 4 pixel #5D302C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D302C; -webkit-box-shadow:4px 4px  
4px 4px #5D302C; box-shadow:4px 4px 4px  
4px #5D302C }
```

Background

The CSS property to change the background color of an element to Hex 5D302C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D302C }
```

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

```
.background{ background-color:#5D302C }
```

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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