

Converting Colors

Hex(5A2F42)

Have a look what the booklet for
Hex(5A2F42) contains.

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Color

Hex(5A2F42)

Conversions

Conversions Part 1

Format	Color
Hex	5A2F42
RGB	90, 47, 66
RGB Percent	35%, 18%, 26%
CMY	0.6471, 0.8157, 0.7412
CMYK	0.00, 0.48, 0.27, 0.65
HSL	333°, 31%, 27%
HSV	333°, 48%, 35%
XYZ	6.2163, 4.6000, 5.7145
YIQ	62.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

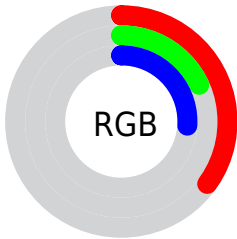
Format	Color
RYB	90, 47, 66
Decimal	5910338
CIELab	25.56, 22.30, -3.22
CIELCh	26, 22.529, 351.784
Yxy	4.6000, 0.3760, 0.2783
Android (android.graphics.Color)	4284100418 (0xFF5A2F42)
YUV	62.0230, 1.9607, 24.5358
Hunter-Lab	21.4477, 14.2024, -0.7838

Details

The Hex color **5A2F42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F5A47**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8D5E72**, and **2B0218** is the 20% darker color. If you saturate the color by 10%, you get **5A263D**, and if you desaturate by 10%, it is **5A3847**.

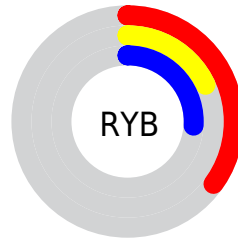
Distribution



Red (35%)

Green (18%)

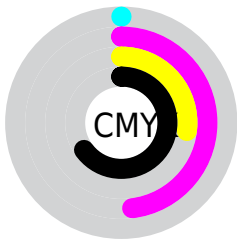
Blue (26%)



Red (35%)

Yellow (18%)

Blue (26%)

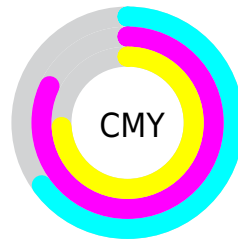


Cyan (0%)

Magenta (48%)

Yellow (27%)

Black (65%)



Cyan (65%)

Magenta (82%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2F42 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 5A2F42 by changing the saturation by 10% instead.

■ 5A2F42

■ 5A2F42

FFFFFF

■ 42192C

■ 8D5E72

■ 2B0218

■ A8778B

■ 080000

■ C491A6

■ 000000

■ E0ACC1

■ FDC7DD

■ FFE4F9

■ 5A2F42

■ 5A2F42

■ 5A263D

■ 5A3847

■ 5A1D38

■ 5A414C

■ 5A1433

■ 5A4A51

■ 5A0B2E

■ 5A5356

■ 5A0229

■ 5A5C5B

■ 5A0028

■ 5A6560

■ 5A6E65

■ 5A776A

■ 5A806F

Harmonies

Analogous

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



4D3352



5A2F42



5D2F31

Triad

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



5A2F42



3B3F1C



004457

Complementary

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



5A2F42



2F5A47

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.



004549



5A2F42



274327

Square

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



5A2F42



4B3A1A



094537



14405E

Rectangle

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



5A2F42



5A3227



094537



004453

Sweetspot

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



5A2F42



75656C



472F5A



3B3135



BABABA



3B3B3B

Same Dimension

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



5A2F42



753250



5A312F



2E292B



6E0030



ED0069

Inverse Universe

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



5A2F42



753250



2F585A



2E292B



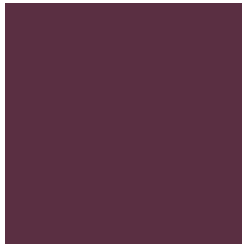
6E0030



ED0069

Previews

White Background



This preview shows how the Hex color 5A2F42 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

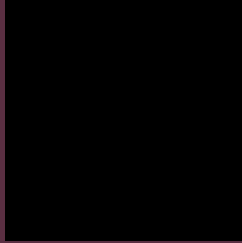
Any Text WCAG AA × Fail

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 5A2F42 Background



This preview shows how black text looks on a background with the Hex color 5A2F42.



This preview shows how white text looks on a background with the Hex color 5A2F42.

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


5A2F42

Protanopia

3A3D4B

Deuteranopia

423B40



Tritanopia
593135

Trichromacy



Original Color

5A2F42

Protanomaly

463848

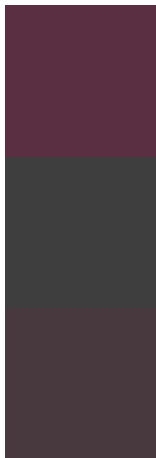
Deuteranomaly

4B3741

Tritanomaly

59303A

Monochromacy



Original Color

5A2F42

Achromatopsia

3E3E3E

Achromatomaly

48393F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2F42 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 #5A2F42 looks like.

```
.text, #text, p{  
    color:#5A2F42  
}
```

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 #5A2F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2F42
}
```

Border

The CSS property to change the border of an element to Hex 5A2F42 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".

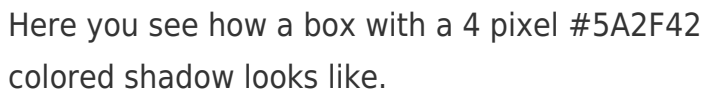
```
.border, #border, table{ border:4px solid
#5A2F42 }
```

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

```
.border{ border-color:#5A2F42 }
```

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

Here you see how a box with a 4 pixel #5A2F42 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue horizontal bar. The shadow is a dark blue rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2F42; -webkit-box-shadow:4px 4px  
4px 4px #5A2F42; box-shadow:4px 4px 4px  
4px #5A2F42 }
```

Background

The CSS property to change the background color of an element to Hex 5A2F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2F42 }
```

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

```
.background{ background-color:#5A2F42 }
```

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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