

Converting Colors

Hex(5A2E4C)

Have a look what the booklet for
Hex(5A2E4C) contains.

Hex(5A2E4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A2E4C)

Conversions

Conversions Part 1

Format	Color
Hex	5A2E4C
RGB	90, 46, 76
RGB Percent	35%, 18%, 30%
CMY	0.6471, 0.8196, 0.7020
CMYK	0.00, 0.49, 0.16, 0.65
HSL	319°, 32%, 27%
HSV	319°, 49%, 35%
XYZ	6.4980, 4.6495, 7.3924
YIQ	62.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

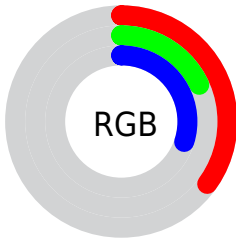
Format	Color
RYB	90, 46, 76
Decimal	5910092
CIELab	25.71, 24.66, -9.67
CIElCh	26, 26.486, 338.578
Yxy	4.6495, 0.3505, 0.2508
Android (android.graphics.Color)	4284100172 (0xFF5A2E4C)
YUV	62.5760, 6.6180, 24.0508
Hunter-Lab	21.5626, 16.0570, -5.2329

Details

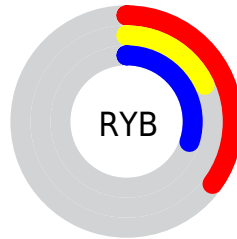
The Hex color **5A2E4C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E5A3C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8D5D7D**, and **2B0120** is the 20% darker color. If you saturate the color by 10%, you get **5A2549**, and if you desaturate by 10%, it is **5A374F**.

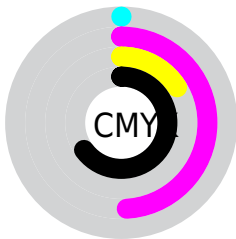
Distribution



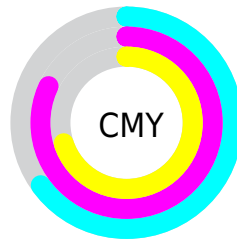
- Red (35%)
- Green (18%)
- Blue (30%)



- Red (35%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (65%)



- Cyan (65%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2E4C 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 5A2E4C by changing the saturation by 10% instead.

■ 5A2E4C

■ 5A2E4C

FFFFFF

■ 421835

■ 8D5D7D

■ 2B0120

■ A87697

■ 0D0006

■ C490B1

■ 000000

■ E0ABCD

■ FDC7E9

■ FFE3FF

■ 5A2E4C

■ 5A2E4C

■ 5A2549

■ 5A374F

■ 5A1C46

■ 5A4052

■ 5A1343

■ 5A4955

■ 5A0A41

■ 5A5257

■ 5A013E

■ 5A5B5A

■ 5A003D

■ 5A645D

■ 5A6D60

■ 5A7663

■ 5A7F66

Harmonies

Analogous

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



46355C



5A2E4C



622B38

Triad

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



5A2E4C



433E13



004655

Complementary

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



5A2E4C



2E5A3C

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.



004742



5A2E4C



2D431C

Square

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



5A2E4C



543717



0D462E



004362

Rectangle

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



5A2E4C



612D2B



0D462E



004750

Sweetspot

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



5A2E4C



756470



3C2E5A



3B3037



BABABA



3B3B3B

Same Dimension

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



5A2E4C



75305F



5A2E36



2E292C



6E004B



ED00A2

Inverse Universe

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



5A2E4C



75305F



2E5A52



2E292C



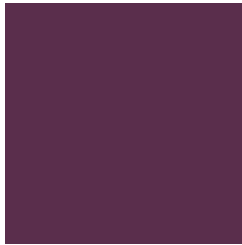
6E004B



ED00A2

Previews

White Background



This preview shows how the Hex color 5A2E4C 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

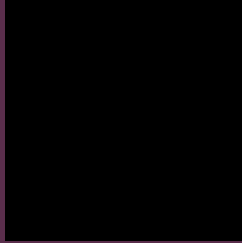
Any Text WCAG AA × Fail

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 5A2E4C Background



This preview shows how black text looks on a background with the Hex color 5A2E4C.



This preview shows how white text looks on a background with the Hex color 5A2E4C.

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
5A2E4C

Protanopia
353D57

Deuteranopia
3E3C4A



Tritanopia
583336

Trichromacy



Original Color
5A2E4C

Protanomaly
423853

Deuteranomaly
48374B

Tritanomaly
59313E

Monochromacy



Original Color
5A2E4C

Achromatopsia
3F3F3F

Achromatomaly
493944

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2E4C 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 #5A2E4C looks like.

```
.text, #text, p{  
    color:#5A2E4C  
}
```

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 #5A2E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2E4C
}
```

Border

The CSS property to change the border of an element to Hex 5A2E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

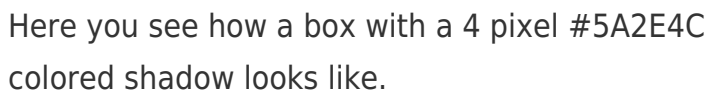
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A2E4C }
```

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

```
.border{ border-color:#5A2E4C }
```

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



Here you see how a box with a 4 pixel #5A2E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2E4C; -webkit-box-shadow:4px 4px  
4px 4px #5A2E4C; box-shadow:4px 4px 4px  
4px #5A2E4C }
```

Background

The CSS property to change the background color of an element to Hex 5A2E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2E4C }
```

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

```
.background{ background-color:#5A2E4C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor