

Converting Colors

Hex(5A274C)

Have a look what the booklet for
Hex(5A274C) contains.

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Color

Hex(5A274C)

Conversions

Conversions Part 1

Format	Color
Hex	5A274C
RGB	90, 39, 76
RGB Percent	35%, 15%, 30%
CMY	0.6471, 0.8471, 0.7020
CMYK	0.00, 0.57, 0.16, 0.65
HSL	316°, 40%, 25%
HSV	316°, 57%, 35%
XYZ	6.2465, 4.1465, 7.3086
YIQ	58.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

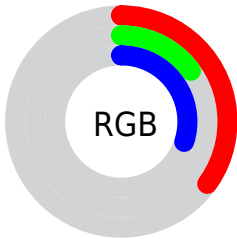
Format	Color
RYB	90, 39, 76
Decimal	5908300
CIELab	24.15, 28.72, -12.06
CIELCh	24, 31.144, 337.224
Yxy	4.1465, 0.3529, 0.2342
Android (android.graphics.Color)	4284098380 (0xFF5A274C)
YUV	58.4670, 8.6438, 27.6544
Hunter-Lab	20.3630, 19.1209, -7.0261

Details

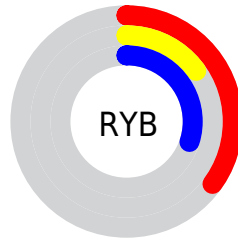
The Hex color **5A274C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **275A35**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8E577D**, and **2B0020** is the 20% darker color. If you saturate the color by 10%, you get **5A1E4A**, and if you desaturate by 10%, it is **5A304E**.

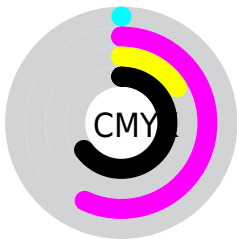
Distribution



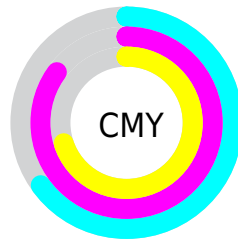
- Red (35%)
- Green (15%)
- Blue (30%)



- Red (35%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (57%)
- Yellow (16%)
- Black (65%)



- Cyan (65%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A274C 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 5A274C by changing the saturation by 10% instead.

 5A274C

 5A274C

FFFFFF

 411035

 8E577D

 2B0020

 A97097

 070005

 C489B2

 000000

 E1A4CD

 FEBFE9

 FFDCCF

 FFF8FF

 5A274C

 5A274C

■ 5A1E4A

■ 5A304E

■ 5A1547

■ 5A3951

■ 5A0C45

■ 5A4253

■ 5A0342

■ 5A4B56

■ 5A0041

■ 5A5458

■ 5A5D5B

■ 5A665D

■ 5A6F60

■ 5A7862

Harmonies

Analogous

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



42315F



5A274C



642335

Triad

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



5A274C



403A05



004455

Complementary

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



5A274C



275A35

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.



00453F



5A274C



274011

Square

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



5A274C



54320C



004326



004164

Rectangle

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



5A274C



632625



004326



00444E

Sweetspot

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



5A274C



756170



35275A



3B2F37



BABABA



3B3B3B

Same Dimension

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



5A274C



75265F



5A2733



2E292D



6E0050



ED00AC

Inverse Universe

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



5A274C



75265F



275A4E



2E292D



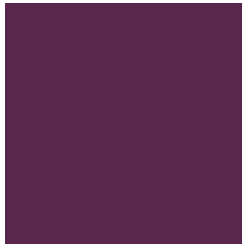
6E0050



ED00AC

Previews

White Background



This preview shows how the Hex color 5A274C 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

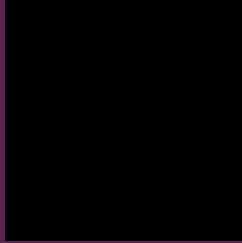
Any Text WCAG AA × Fail

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 5A274C Background



This preview shows how black text looks on a background with the Hex color 5A274C.



This preview shows how white text looks on a background with the Hex color 5A274C.

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
5A274C

Protanopia
2E395A

Deuteranopia
383949



Tritanopia
572E31

Trichromacy



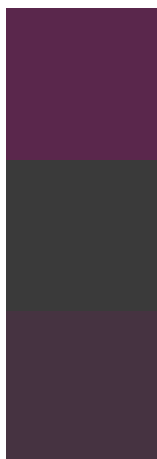
Original Color
5A274C

Protanomaly
3E3255

Deuteranomaly
44324A

Tritanomaly
582B3B

Monochromacy



Original Color
5A274C

Achromatopsia
3A3A3A

Achromatomaly
463341

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A274C 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 #5A274C looks like.

```
.text, #text, p{  
    color:#5A274C  
}
```

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 #5A274C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A274C
}
```

Border

The CSS property to change the border of an element to Hex 5A274C is called "border". The border property can be set on classes, ids or directly on the HTML element.

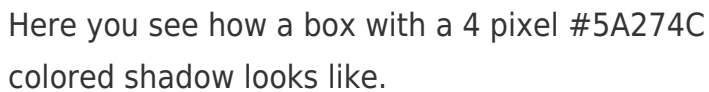
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A274C }
```

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

```
.border{ border-color:#5A274C }
```

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



Here you see how a box with a 4 pixel #5A274C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A274C; -webkit-box-shadow:4px 4px  
4px 4px #5A274C; box-shadow:4px 4px 4px  
4px #5A274C }
```

Background

The CSS property to change the background color of an element to Hex 5A274C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A274C }
```

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

```
.background{ background-color:#5A274C }
```

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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