

Converting Colors

Hex(6A274C)

Have a look what the booklet for
Hex(6A274C) contains.

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Color

Hex(6A274C)

Conversions

Conversions Part 1

Format	Color
Hex	6A274C
RGB	106, 39, 76
RGB Percent	42%, 15%, 30%
CMY	0.5843, 0.8471, 0.7020
CMYK	0.00, 0.63, 0.28, 0.58
HSL	327°, 46%, 28%
HSV	327°, 63%, 42%
XYZ	7.9739, 5.0370, 7.3894
YIQ	63.2510, 28.0550, 25.7110

Conversions

Conversions Part 2

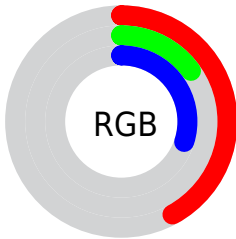
Format	Color
R_{YB}	106, 39, 76
Decimal	6956876
CIE Lab	26.84, 34.23, -7.72
CIE LCh	27, 35.088, 347.294
Yxy	5.0370, 0.3909, 0.2469
Android (android.graphics.Color)	4285146956 (0xFF6A274C)
YUV	63.2510, 6.2853, 37.4909
Hunter-Lab	22.4433, 24.1436, -3.8109

Details

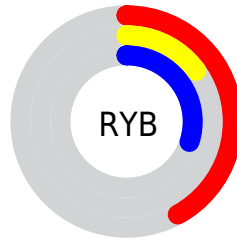
The Hex color **6A274C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **276A45**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A0587D**, and **370020** is the 20% darker color. If you saturate the color by 10%, you get **6A1C47**, and if you desaturate by 10%, it is **6A3251**.

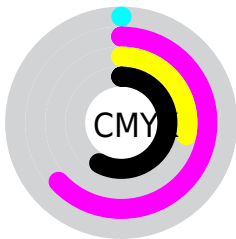
Distribution



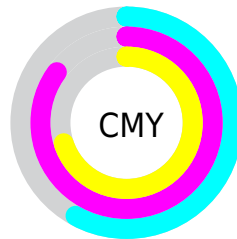
- Red (42%)
- Green (15%)
- Blue (30%)



- Red (42%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (63%)
- Yellow (28%)
- Black (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A274C 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 6A274C by changing the saturation by 10% instead.

 6A274C

 6A274C

FFFFFF

 500D35

 A0587D

 370020

 BB7297

 210006

 D88CB1

 000000

 F5A7CD

 FFC2E9

 FFDEFF

 FFFBFF

 6A274C

 6A274C

■ 6A1C47

■ 6A3251

■ 6A1243

■ 6A3C55

■ 6A073E

■ 6A475A

■ 6A003B

■ 6A515F

■ 6A5C64

■ 6A6768

■ 6A716D

■ 6A7C72

■ 6A8677

Harmonies

Analogous

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



543164



6A274C



702631

Triad

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



6A274C



3E4305



004A66

Complementary

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



6A274C



276A45

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.



004C4F



6A274C



1E4819

Square

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



6A274C



563A05



004B33



004674

Rectangle

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



6A274C



6C2B20



004B33



004B5F

Sweetspot

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



6A274C



8A707E



44276A



45353E



C4C4C4



454545

Same Dimension

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



6A274C



8A215B



6A272B



363033



750041



F50087

Inverse Universe

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



6A274C



8A215B



276A66



363033



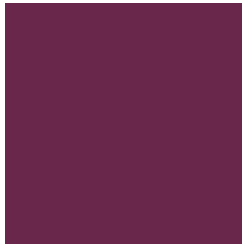
750041



F50087

Previews

White Background



This preview shows how the Hex color 6A274C 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

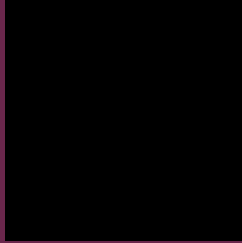
Any Text WCAG AA × Fail

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 6A274C Background



This preview shows how black text looks on a background with the Hex color 6A274C.



This preview shows how white text looks on a background with the Hex color 6A274C.

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
6A274C

Protanopia
373F5D

Deuteranopia
433F48



Tritanopia
682E31

Trichromacy



Original Color
6A274C

Protanomaly
4A3657

Deuteranomaly
513649

Tritanomaly
692B3B

Monochromacy



Original Color
6A274C

Achromatopsia
3F3F3F

Achromatomaly
4F3644

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A274C 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 #6A274C looks like.

```
.text, #text, p{  
    color:#6A274C  
}
```

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 #6A274C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A274C
}
```

Border

The CSS property to change the border of an element to Hex 6A274C is called "border". The border property can be set on classes, ids or directly on the HTML element.

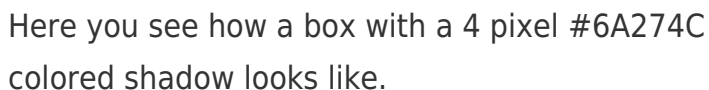
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A274C }
```

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

```
.border{ border-color:#6A274C }
```

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



Here you see how a box with a 4 pixel #6A274C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A274C; -webkit-box-shadow:4px 4px  
4px 4px #6A274C; box-shadow:4px 4px 4px  
4px #6A274C }
```

Background

The CSS property to change the background color of an element to Hex 6A274C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A274C }
```

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

```
.background{ background-color:#6A274C }
```

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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