

Converting Colors

Hex(6A475C)

Have a look what the booklet for
Hex(6A475C) contains.

Hex(6A475C)	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(6A475C)

Conversions

Conversions Part 1

Format	Color
Hex	6A475C
RGB	106, 71, 92
RGB Percent	42%, 28%, 36%
CMY	0.5843, 0.7216, 0.6392
CMYK	0.00, 0.33, 0.13, 0.58
HSL	324°, 20%, 35%
HSV	324°, 33%, 42%
XYZ	10.1289, 8.3434, 11.2018
YIQ	83.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

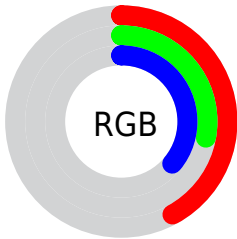
Format	Color
R _Y B	106, 71, 92
Decimal	6965084
CIE Lab	34.69, 18.57, -6.32
CIE LCh	35, 19.616, 341.201
Yxy	8.3434, 0.3413, 0.2812
Android (android.graphics.Color)	4285155164 (0xFF6A475C)
YUV	83.8590, 4.0135, 19.4177
Hunter-Lab	28.8849, 12.0449, -2.7738

Details

The Hex color **6A475C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **476A55**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9E788E**, and **3A1A2E** is the 20% darker color. If you saturate the color by 10%, you get **6A3C58**, and if you desaturate by 10%, it is **6A5260**.

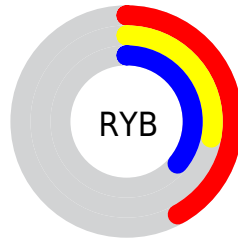
Distribution



Red (42%)

Green (28%)

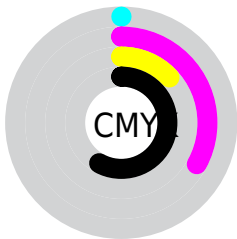
Blue (36%)



Red (42%)

Yellow (28%)

Blue (36%)

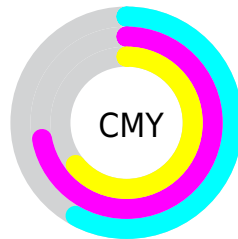


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (58%)



Cyan (58%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A475C 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 6A475C by changing the saturation by 10% instead.

 6A475C

 6A475C

FFFFFF

 513044

 9E788E

 3A1A2E

 B992A9

 24031A

 D5ACC4

 000000

 F1C8E0

 FFE4FC

 6A475C

 6A475C

 6A3C58

 6A5260

 6A3254

 6A5C64

■ 6A274F

■ 6A6769

■ 6A1D4B

■ 6A716D

■ 6A1247

■ 6A7C71

■ 6A0743

■ 6A8775

■ 6A0040

■ 6A917A

■ 6A9C7E

■ 6AA682

Harmonies

Analogous

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



5B4B69



6A475C



70464C

Triad

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



6A475C



565233



1C5966

Complementary

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



6A475C



476A55

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.



215A57



6A475C



45573A

Square

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



6A475C



654D34



325947



2D566F

Rectangle

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



6A475C



704742



325947



1B5A61

Sweetspot

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



6A475C



8A7C84



55476A



453D42



C4C4C4



454545

Same Dimension

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



6A475C



8A5374



6A474B



363033



750046



F50093

Inverse Universe

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



6A475C



8A5374



476A67



363033



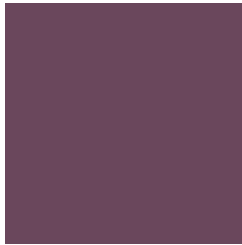
750046



F50093

Previews

White Background



This preview shows how the Hex color 6A475C looks on a white background.

Color Contrast Check

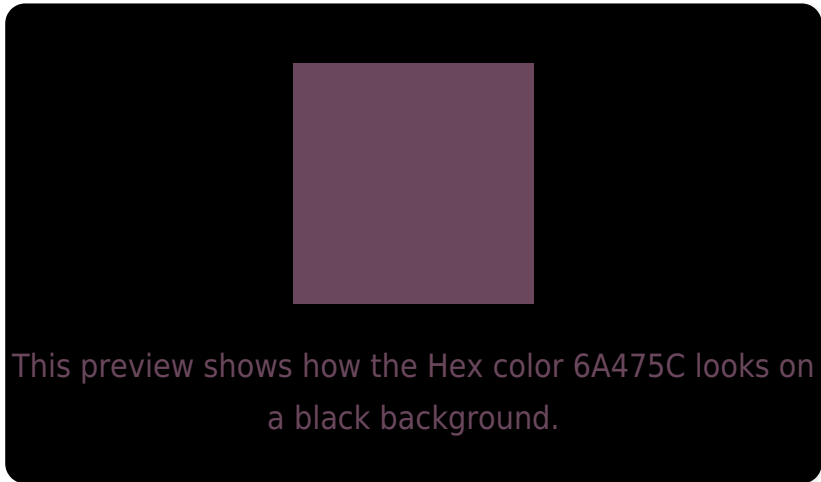
Large Text (above 18pt) WCAG AA ✓ Pass

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

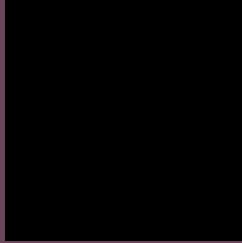
Any Text WCAG AA × Fail

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 6A475C Background



This preview shows how black text looks on a background with the Hex color 6A475C.



This preview shows how white text looks on a background with the Hex color 6A475C.

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
6A475C

Protanopia
4E5163

Deuteranopia
56505A



Tritanopia
68494F

Trichromacy



Original Color
6A475C

Protanomaly
584D60

Deuteranomaly
5D4D5B

Tritanomaly
694854

Monochromacy



Original Color
6A475C

Achromatopsia
545454

Achromatomaly
5C4F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A475C 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 #6A475C looks like.

```
.text, #text, p{  
    color:#6A475C  
}
```

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 #6A475C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A475C
}
```

Border

The CSS property to change the border of an element to Hex 6A475C is called "border". The border property can be set on classes, ids or directly on the HTML element.

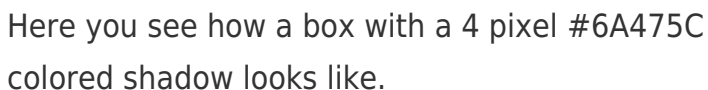
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A475C }
```

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

```
.border{ border-color:#6A475C }
```

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



Here you see how a box with a 4 pixel #6A475C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A475C; -webkit-box-shadow:4px 4px  
4px 4px #6A475C; box-shadow:4px 4px 4px  
4px #6A475C }
```

Background

The CSS property to change the background color of an element to Hex 6A475C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A475C }
```

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

```
.background{ background-color:#6A475C }
```

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