

# Converting Colors

Hex(6B445C)

Have a look what the booklet for  
Hex(6B445C) contains.

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**Color**

**Hex(6B445C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B445C
RGB	107, 68, 92
RGB Percent	42%, 27%, 36%
CMY	0.5804, 0.7333, 0.6392
CMYK	0.00, 0.36, 0.14, 0.58
HSL	323°, 22%, 34%
HSV	323°, 36%, 42%
XYZ	10.0623, 8.0328, 11.1453
YIQ	82.3970, 15.5400, 15.7320

# Conversions

## Conversions Part 2

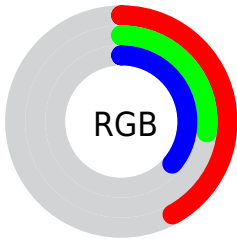
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 68, 92
Decimal	7029852
CIE Lab	34.05, 20.79, -7.26
CIE LCh	34, 22.026, 340.750
Yxy	8.0328, 0.3441, 0.2747
Android (android.graphics.Color)	4285219932 (0xFF6B445C)
YUV	82.3970, 4.7343, 21.5768
Hunter-Lab	28.3421, 13.7741, -3.4759

# Details

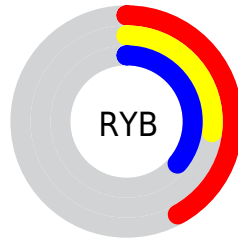
The Hex color **6B445C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **446B53**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9F758E**, and **3A172E** is the 20% darker color. If you saturate the color by 10%, you get **6B3958**, and if you desaturate by 10%, it is **6B4F60**.

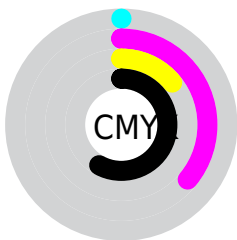
# Distribution



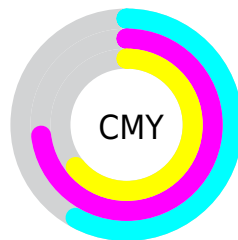
- Red (42%)
- Green (27%)
- Blue (36%)



- Red (42%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (14%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B445C 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 6B445C by changing the saturation by 10% instead.



6B445C

6B445C

FFFFFF

522D44

9F758E

3A172E

BA8FA9

25001A

D6A9C4

000000

F3C5E0

FFE1FC

FFDFDF

6B445C

6B445C

6B3958

6B4F60

 6B2F54

 6B5964

 6B2450

 6B6468

 6B194C

 6B6F6C

 6B0E47

 6B7A71

 6B0443

 6B8475

 6B0042

 6B8F79

 6B9A7D

 6BA481

# Harmonies

## Analogous

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



5A496B



6B445C



72424A

# Triad

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



6B445C



55512D



055866

# Complementary

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



6B445C



446B53

# 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.



135956



6B445C



425635

# Square

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



6B445C



654B2F



2C5944



235571

# Rectangle

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



6B445C



71443F



2C5944



045961



# Sweetspot

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



6B445C



8C7D86



53446B



473E44



C7C7C7



474747



# Same Dimension

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



6B445C



8C4F75



6B4449



363033



750048



F50097



# Inverse Universe

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



6B445C



8C4F75



446B66



363033



750048

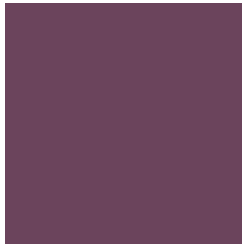


F50097



# Previews

## White Background



This preview shows how the Hex color 6B445C looks on a white background.

## Color Contrast Check

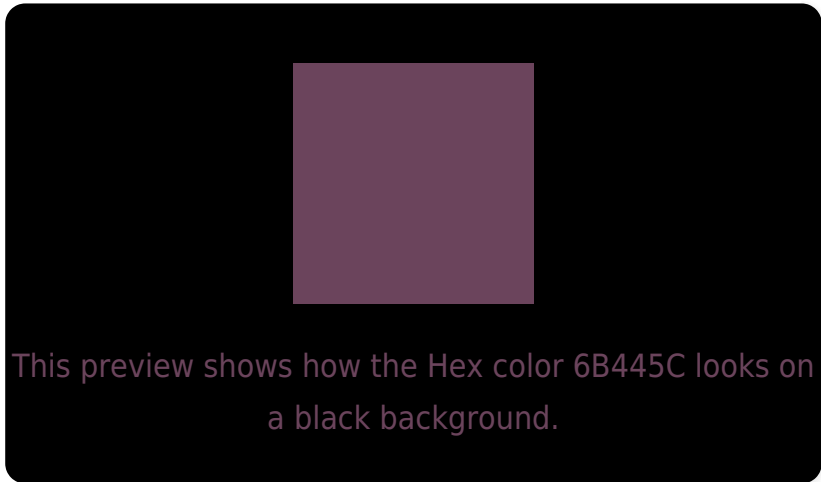
Large Text (above 18pt) WCAG AA ✓ Pass

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

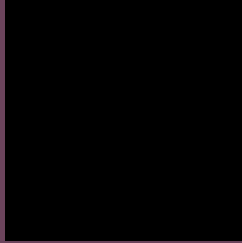
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B445C Background



This preview shows how black text looks on a background with the Hex color 6B445C.



This preview shows how white text looks on a background with the Hex color 6B445C.

# 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**  
6B445C

**Protanopia**  
4C5064

**Deuteranopia**  
544E5A



**Tritanopia**  
69474C

# Trichromacy



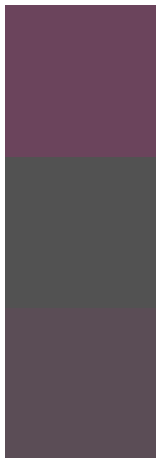
**Original Color**  
6B445C

**Protanomaly**  
574C61

**Deuteranomaly**  
5C4A5B

**Tritanomaly**  
6A4652

# Monochromacy



**Original Color**  
6B445C

**Achromatopsia**  
525252

**Achromatomaly**  
5B4D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B445C 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 #6B445C looks like.

```
.text, #text, p{  
    color:#6B445C  
}
```

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 #6B445C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B445C
}
```

## Border

The CSS property to change the border of an element to Hex 6B445C is called "border". The border property can be set on classes, ids or directly on the HTML element.

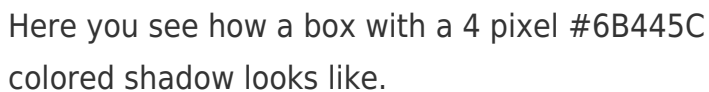
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B445C }
```

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

```
.border{ border-color:#6B445C }
```

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



Here you see how a box with a 4 pixel #6B445C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B445C; -webkit-box-shadow:4px 4px  
4px 4px #6B445C; box-shadow:4px 4px 4px  
4px #6B445C }
```

# Background

The CSS property to change the background color of an element to Hex 6B445C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B445C }
```

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

```
.background{ background-color:#6B445C }
```

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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