

# Converting Colors

Hex(6C4E6A)

Have a look what the booklet for  
Hex(6C4E6A) contains.

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# Color

**Hex(6C4E6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C4E6A
RGB	108, 78, 106
RGB Percent	42%, 31%, 42%
CMY	0.5765, 0.6941, 0.5843
CMYK	0.00, 0.28, 0.02, 0.58
HSL	304°, 16%, 36%
HSV	304°, 28%, 42%
XYZ	11.5102, 9.6775, 14.8970
YIQ	90.1620, 8.8920, 15.0680

# Conversions

## Conversions Part 2

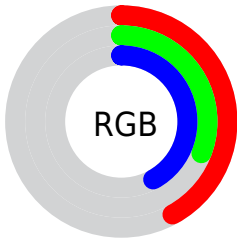
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 78, 106
Decimal	7097962
CIE <sub>Lab</sub>	37.26, 17.82, -11.23
CIE <sub>LCh</sub>	37, 21.061, 327.766
Yxy	9.6775, 0.3190, 0.2682
Android (android.graphics.Color)	4285288042 (0xFF6C4E6A)
YUV	90.1620, 7.8081, 15.6439
Hunter-Lab	31.1087, 11.6048, -6.6159

# Details

The Hex color **6C4E6A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E6C50**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A07F9D**, and **3C213B** is the 20% darker color. If you saturate the color by 10%, you get **6C4369**, and if you desaturate by 10%, it is **6C596B**.

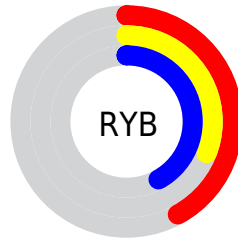
# Distribution



Red (42%)

Green (31%)

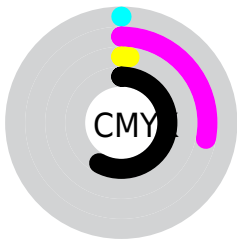
Blue (42%)



Red (42%)

Yellow (31%)

Blue (42%)

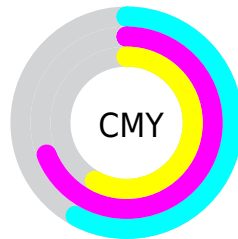


Cyan (0%)

Magenta (28%)

Yellow (2%)

Black (58%)



Cyan (58%)

Magenta (69%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C4E6A 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 6C4E6A by changing the saturation by 10% instead.





6C4E6A



6C4E6A

FFFFFF



533752



A07F9D



3C213B



BB99B8



260C25



D7B4D4



08000F



F3D0F0



000000



FFECFF



6C4E6A



6C4E6A



6C4369



6C596B



6C3869



6C646B

 6C2E68

 6C6E6C

 6C2367

 6C796D

 6C1866

 6C846E

 6C0D66

 6C8F6E

 6C0265

 6C9A6F

 6C0065

 6CA470

 6CAF70

# Harmonies

## Analogous

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



585476



6C4E6A



774B5A

# Triad

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



6C4E6A



645636



1B6167

# Complementary

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



6C4E6A



4E6C50

# 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.



2A6156



6C4E6A



535B39

# Square

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



6C4E6A



72503C



3F5F45



255E74

# Rectangle

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



6C4E6A



794B4E



3F5F45



1F6161



# Sweetspot

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



6C4E6A



8C818C



504E6C



474047



C7C7C7



474747



# Same Dimension

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



6C4E6A



8C5E89



6C4E5B



363035



75006D



F500E4



# Inverse Universe

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



6C4E6A



8C5E89



4E6C5F



363035



75006D

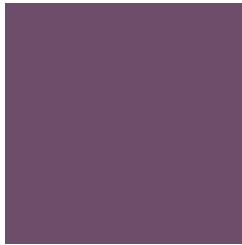


F500E4



# Previews

## White Background



This preview shows how the Hex color 6C4E6A looks on a white background.

## Color Contrast Check

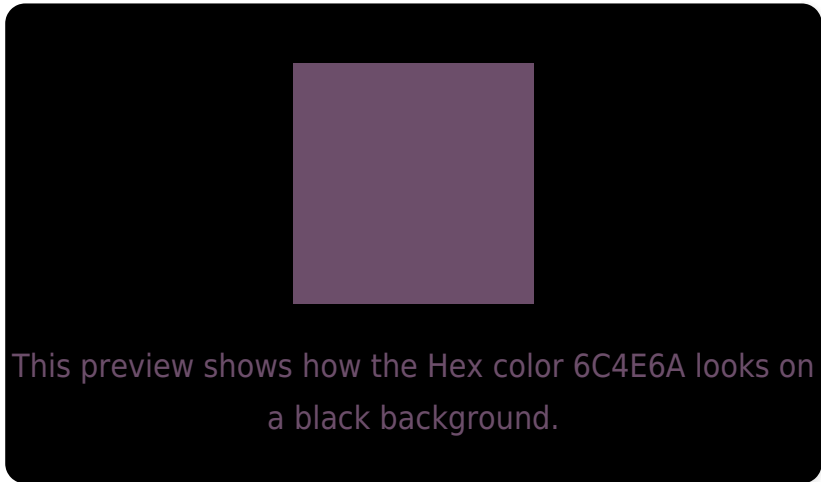
Large Text (above 18pt) WCAG AA ✓ Pass

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

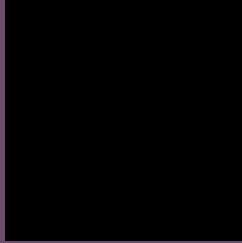
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C4E6A Background



This preview shows how black text looks on a background with the Hex color 6C4E6A.



This preview shows how white text looks on a background with the Hex color 6C4E6A.

# 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**  
6C4E6A

**Protanopia**  
515770

**Deuteranopia**  
585669



**Tritanopia**  
6A5158

# Trichromacy



**Original Color**  
6C4E6A

**Protanomaly**  
5B546E

**Deuteranomaly**  
5F5369

**Tritanomaly**  
6B505F

# Monochromacy



**Original Color**  
6C4E6A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
615660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C4E6A 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 #6C4E6A looks like.

```
.text, #text, p{  
    color:#6C4E6A  
}
```

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 #6C4E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4E6A
}
```

## Border

The CSS property to change the border of an element to Hex 6C4E6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

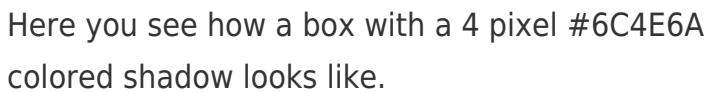
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4E6A }
```

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

```
.border{ border-color:#6C4E6A }
```

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



Here you see how a box with a 4 pixel #6C4E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4E6A; -webkit-box-shadow:4px 4px  
4px 4px #6C4E6A; box-shadow:4px 4px 4px  
4px #6C4E6A }
```

# Background

The CSS property to change the background color of an element to Hex 6C4E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4E6A }
```

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

```
.background{ background-color:#6C4E6A }
```

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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