

# Converting Colors

Hex(6B4157)

Have a look what the booklet for  
Hex(6B4157) contains.

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**Color**

**Hex(6B4157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4157
RGB	107, 65, 87
RGB Percent	42%, 25%, 34%
CMY	0.5804, 0.7451, 0.6588
CMYK	0.00, 0.39, 0.19, 0.58
HSL	329°, 24%, 34%
HSV	329°, 39%, 42%
XYZ	9.6740, 7.5945, 9.9728
YIQ	80.0660, 17.9700, 15.7460

# Conversions

## Conversions Part 2

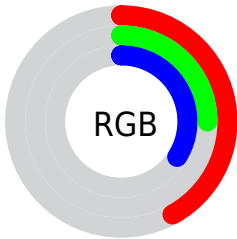
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 65, 87
Decimal	7029079
CIE Lab	33.12, 21.71, -5.46
CIE LCh	33, 22.385, 345.889
Yxy	7.5945, 0.3551, 0.2788
Android (android.graphics.Color)	4285219159 (0xFF6B4157)
YUV	80.0660, 3.4185, 23.6211
Hunter-Lab	27.5581, 14.4338, -2.1654

# Details

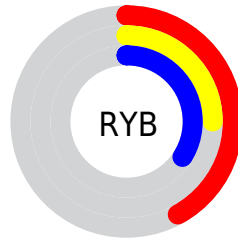
The Hex color **6B4157** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **416B55**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9F7289**, and **3A142A** is the 20% darker color. If you saturate the color by 10%, you get **6B3652**, and if you desaturate by 10%, it is **6B4C5C**.

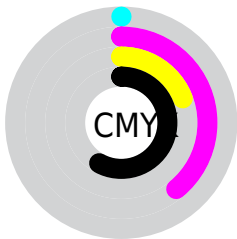
# Distribution



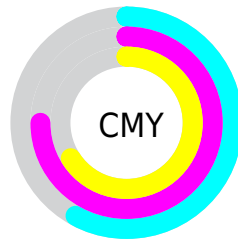
- Red (42%)
- Green (25%)
- Blue (34%)



- Red (42%)
- Yellow (25%)
- Blue (34%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4157 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 6B4157 by changing the saturation by 10% instead.



6B4157

6B4157

FFFFFF

522A40

9F7289

3A142A

BB8BA3

250016

D7A6BE

000000

F3C1DA

FFDDF6

FFFAFF


6B4157

6B4157

6B3652

6B4C5C

 6B2C4D

 6B5661

 6B2148

 6B6166

 6B1643

 6B6C6B

 6B0C3E

 6B7770

 6B0138

 6B8176

 6B0038

 6B8C7B

 6B9780

 6BA185

# Harmonies

## Analogous

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



5C4667



6B4157



704045

# Triad

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



6B4157



50502B



005667

# Complementary

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



6B4157



416B55

# 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.



075757



6B4157



3C5435

# Square

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



6B4157



614A2C



255745



245270

# Rectangle

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



6B4157



6F423A



255745



005762



# Sweetspot

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



6B4157



8C7B84



55416B



473D43



C7C7C7



474747



# Same Dimension

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



6B4157



8C4A6D



6B4142



363033



75003D



F50080



# Inverse Universe

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



6B4157



8C4A6D



416B6A



363033



75003D

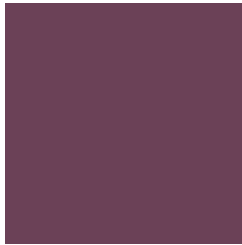


F50080



# Previews

## White Background



This preview shows how the Hex color 6B4157 looks on a white background.

## Color Contrast Check

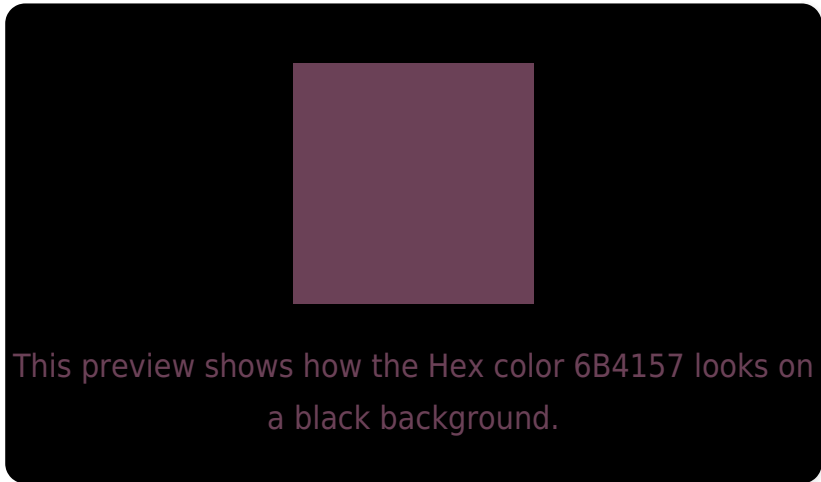
Large Text (above 18pt) WCAG AA ✓ Pass

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

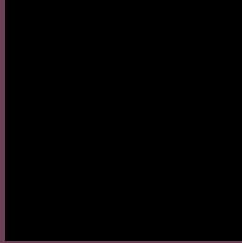
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B4157 Background



This preview shows how black text looks on a background with the Hex color 6B4157.



This preview shows how white text looks on a background with the Hex color 6B4157.

# 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**  
6B4157

**Protanopia**  
4A4E5F

**Deuteranopia**  
534C55



**Tritanopia**  
694449

# Trichromacy



**Original Color**  
6B4157

**Protanomaly**  
56495C

**Deuteranomaly**  
5C4856

**Tritanomaly**  
6A434E

# Monochromacy



**Original Color**  
6B4157

**Achromatopsia**  
505050

**Achromatomaly**  
5A4B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4157 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 #6B4157 looks like.

```
.text, #text, p{  
    color:#6B4157  
}
```

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 #6B4157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4157
}
```

## Border

The CSS property to change the border of an element to Hex 6B4157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

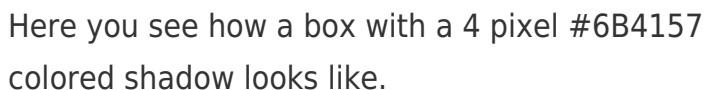
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4157 }
```

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

```
.border{ border-color:#6B4157 }
```

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



Here you see how a box with a 4 pixel #6B4157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4157; -webkit-box-shadow:4px 4px  
4px 4px #6B4157; box-shadow:4px 4px 4px  
4px #6B4157 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4157 }
```

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

```
.background{ background-color:#6B4157 }
```

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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