

# Converting Colors

Hex(6D3447)

Have a look what the booklet for  
Hex(6D3447) contains.

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**Color**

**Hex(6D3447)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D3447
RGB	109, 52, 71
RGB Percent	43%, 20%, 28%
CMY	0.5725, 0.7961, 0.7216
CMYK	0.00, 0.52, 0.35, 0.57
HSL	340°, 35%, 32%
HSV	340°, 52%, 43%
XYZ	8.6720, 6.1621, 6.6936
YIQ	71.2090, 27.8730, 17.9930

# Conversions

## Conversions Part 2

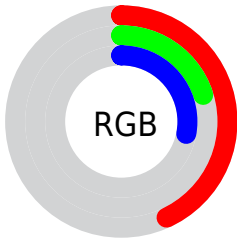
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 52, 71
Decimal	7156807
CIE <sub>Lab</sub>	29.82, 27.60, 0.06
CIE <sub>LCh</sub>	30, 27.603, 0.130
Yxy	6.1621, 0.4028, 0.2862
Android (android.graphics.Color)	4285346887 (0xFF6D3447)
YUV	71.2090, -0.1030, 33.1427
Hunter-Lab	24.8236, 18.9166, 1.3893

# Details

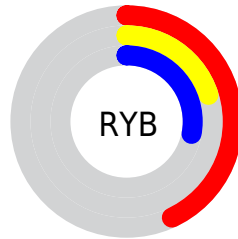
The Hex color **6D3447** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346D5A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A26477**, and **3B051C** is the 20% darker color. If you saturate the color by 10%, you get **6D2940**, and if you desaturate by 10%, it is **6D3F4E**.

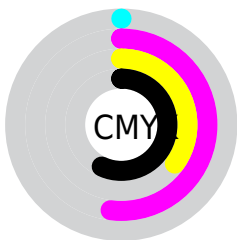
# Distribution



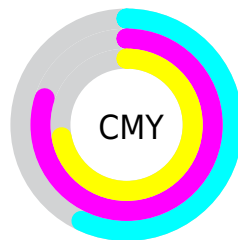
- Red (43%)
- Green (20%)
- Blue (28%)



- Red (43%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (80%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3447 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 6D3447 by changing the saturation by 10% instead.



6D3447

6D3447

FFFFFF

531D31

A26477

3B051C

BE7E91

280001

DB98AB

000000

F8B3C7

FFCFE3

FFEBFF

6D3447

6D3447

6D2940

6D3F4E

 6D1E38

 6D4A56

 6D1331

 6D555D

 6D082A

 6D6064

 6D0024

 6D6B6B

 6D7573

 6D807A

 6D8B81

 6D9688

# Harmonies

## Analogous

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



61385C



6D3447



6D3632

# Triad

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



6D3447



3D4B20



004E6B

# Complementary

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



6D3447



346D5A

# 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.



00515B



6D3447



214F30

# Square

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



6D3447



53451A



005146



1E4871

# Rectangle

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



6D3447



683B26



005146



004F67



# Sweetspot

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



6D3447



8F7880



5A346D



473A3E



C7C7C7



474747



# Same Dimension

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



6D3447



8F3553



6D3E34



363032



750027



F50052



# Inverse Universe

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



6D3447



8F3553



34636D



363032



750027

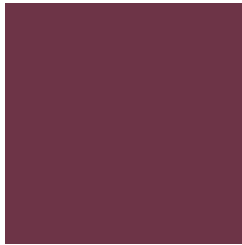


F50052



# Previews

## White Background



This preview shows how the Hex color 6D3447 looks on a white background.

## Color Contrast Check

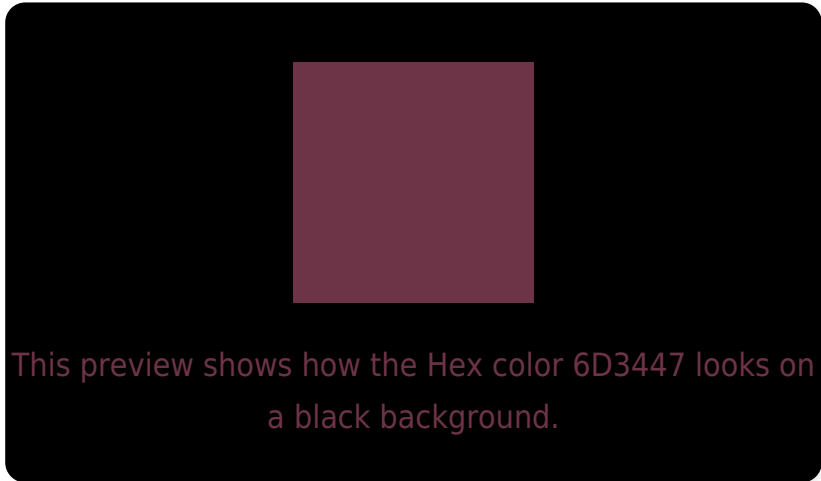
Large Text (above 18pt) WCAG AA ✓ Pass

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

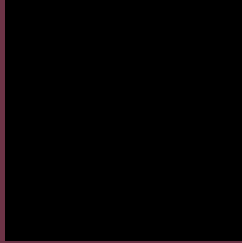
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D3447 Background



This preview shows how black text looks on a background with the Hex color 6D3447.



This preview shows how white text looks on a background with the Hex color 6D3447.

# 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**  
6D3447

**Protanopia**  
454652

**Deuteranopia**  
4F4544



**Tritanopia**  
6C363A

# Trichromacy



**Original Color**

6D3447

**Protanomaly**

543F4E

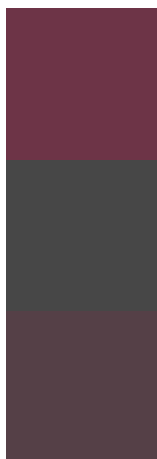
**Deuteranomaly**

5A3F45

**Tritanomaly**

6C353F

# Monochromacy



**Original Color**

6D3447

**Achromatopsia**

474747

**Achromatomaly**

554047

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3447 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 #6D3447 looks like.

```
.text, #text, p{  
    color:#6D3447  
}
```

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 #6D3447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3447
}
```

## Border

The CSS property to change the border of an element to Hex 6D3447 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
#6D3447 }
```

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

```
.border{ border-color:#6D3447 }
```

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

Here you see how a box with a 4 pixel #6D3447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3447; -webkit-box-shadow:4px 4px  
4px 4px #6D3447; box-shadow:4px 4px 4px  
4px #6D3447 }
```

# Background

The CSS property to change the background color of an element to Hex 6D3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3447 }
```

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

```
.background{ background-color:#6D3447 }
```

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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