

# Converting Colors

Hex(6A3647)

Have a look what the booklet for  
Hex(6A3647) contains.

<b>Hex(6A3647)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6A3647)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3647
RGB	106, 54, 71
RGB Percent	42%, 21%, 28%
CMY	0.5843, 0.7882, 0.7216
CMYK	0.00, 0.49, 0.33, 0.58
HSL	340°, 33%, 31%
HSV	340°, 49%, 42%
XYZ	8.4004, 6.1574, 6.7070
YIQ	71.4860, 25.5350, 16.3110

# Conversions

## Conversions Part 2

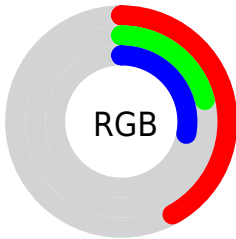
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 54, 71
Decimal	6960711
CIE <sub>Lab</sub>	29.81, 25.28, -0.01
CIE <sub>LCh</sub>	30, 25.278, 359.977
Yxy	6.1574, 0.3950, 0.2896
Android (android.graphics.Color)	4285150791 (0xFF6A3647)
YUV	71.4860, -0.2396, 30.2688
Hunter-Lab	24.8142, 17.0029, 1.3445

# Details

The Hex color **6A3647** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366A59**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9F6677**, and **38081C** is the 20% darker color. If you saturate the color by 10%, you get **6A2B40**, and if you desaturate by 10%, it is **6A414E**.

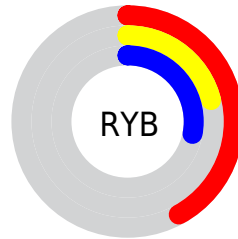
# Distribution



Red (42%)

Green (21%)

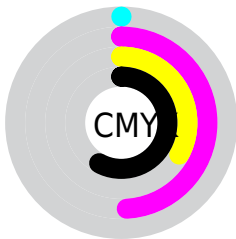
Blue (28%)



Red (42%)

Yellow (21%)

Blue (28%)

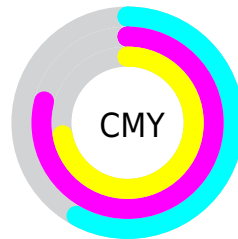


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (58%)



Cyan (58%)

Magenta (79%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3647 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 6A3647 by changing the saturation by 10% instead.



 6A3647

 6A3647

FFFFFF

 511F31

 9F6677

 38081C

 BB8091

 260001

 D79AAB

 000000

 F4B5C7

 FFD1E3

 FFEDFF

 6A3647

 6A3647

 6A2B40

 6A414E

■ 6A2139

■ 6A4B55

■ 6A1632

■ 6A565C

■ 6A0C2A

■ 6A6064

■ 6A0123

■ 6A6B6B

■ 6A0023

■ 6A7672

■ 6A8079

■ 6A8B80

■ 6A9587

# Harmonies

## Analogous

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



5E3A5A



6A3647



6A3834

# Triad

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



6A3647



3E4B23



004D68

# Complementary

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



6A3647



366A59

# 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.



005059



6A3647



254F32

# Square

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



6A3647



52451E



005046



25486D

# Rectangle

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



6A3647



653C29



005046



004E64



# Sweetspot

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



6A3647



8A757C



59366A



45383D



C4C4C4



454545



# Same Dimension

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



6A3647



8A3853



6A3F36



363032



750026



F50050



# Inverse Universe

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



6A3647



8A3853



36616A



363032



750026

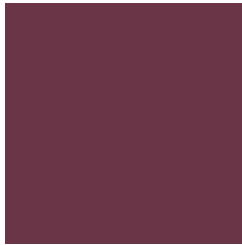


F50050



# Previews

## White Background



This preview shows how the Hex color 6A3647 looks on a white background.

## Color Contrast Check

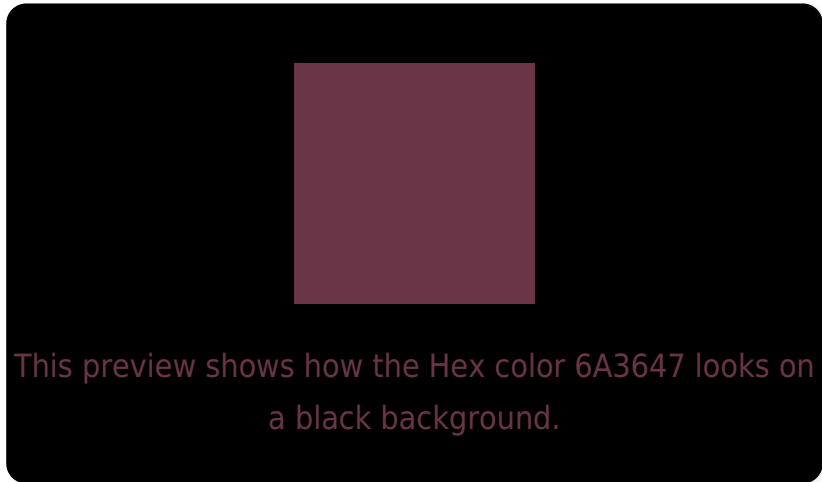
Large Text (above 18pt) WCAG AA ✓ Pass

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

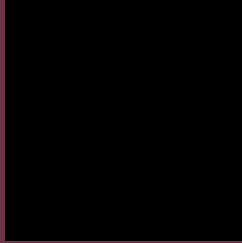
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3647 Background



This preview shows how black text looks on a background with the Hex color 6A3647.



This preview shows how white text looks on a background with the Hex color 6A3647.

# 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**  
6A3647

**Protanopia**  
454651

**Deuteranopia**  
4E4445



**Tritanopia**  
69383C

# Trichromacy



**Original Color**  
6A3647

**Protanomaly**  
52404D

**Deuteranomaly**  
583F46

**Tritanomaly**  
693740

# Monochromacy



**Original Color**  
6A3647

**Achromatopsia**  
474747

**Achromatomaly**  
544147

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3647 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 #6A3647 looks like.

```
.text, #text, p{  
    color:#6A3647  
}
```

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 #6A3647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3647
}
```

## Border

The CSS property to change the border of an element to Hex 6A3647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

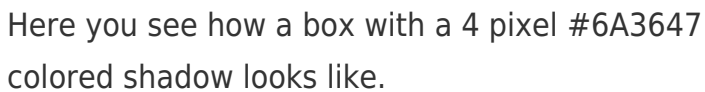
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3647 }
```

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

```
.border{ border-color:#6A3647 }
```

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



Here you see how a box with a 4 pixel #6A3647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3647; -webkit-box-shadow:4px 4px  
4px 4px #6A3647; box-shadow:4px 4px 4px  
4px #6A3647 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3647 }
```

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

```
.background{ background-color:#6A3647 }
```

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