

# Converting Colors

Hex(6A3757)

Have a look what the booklet for  
Hex(6A3757) contains.

<b>Hex(6A3757)</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(6A3757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3757
RGB	106, 55, 87
RGB Percent	42%, 22%, 34%
CMY	0.5843, 0.7843, 0.6588
CMYK	0.00, 0.48, 0.18, 0.58
HSL	322°, 32%, 32%
HSV	322°, 48%, 42%
XYZ	9.0303, 6.4847, 9.7925
YIQ	73.8970, 20.1240, 20.7640

# Conversions

## Conversions Part 2

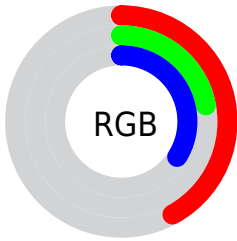
Format	Color
<a href="#">RYB</a>	<a href="#">106, 55, 87</a>
Decimal	<a href="#">6960983</a>
CIELab	<a href="#">30.60, 27.27, -9.26</a>
CIElCh	<a href="#">31, 28.802, 341.255</a>
Yxy	<a href="#">6.4847, 0.3568, 0.2562</a>
Android (android.graphics.Color)	<a href="#">4285151063 (0xFF6A3757)</a>
YUV	<a href="#">73.8970, 6.4598, 28.1543</a>
Hunter-Lab	<a href="#">25.4650, 18.7355, -4.9744</a>

# Details

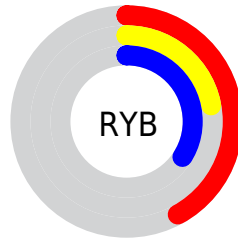
The Hex color **6A3757** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376A4A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9F6789**, and **39082A** is the 20% darker color. If you saturate the color by 10%, you get **6A2C53**, and if you desaturate by 10%, it is **6A425B**.

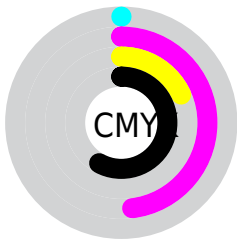
# Distribution



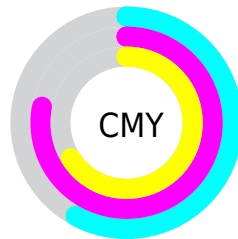
- Red (42%)
- Green (22%)
- Blue (34%)



- Red (42%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3757 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 6A3757 by changing the saturation by 10% instead.



 6A3757

 6A3757

FFFFFF

 512040

 9F6789

 39082A

 BA81A3

 260016

 D69BBE

 000000

 F3B7DA

 FFD2F6

 FFEFFF

 6A3757

 6A3757

 6A2C53

 6A425B

6A224F

6A4C5F

6A174B

6A5763

6A0D47

6A6167

6A0243

6A6C6B

6A0043

6A776F

6A8173

6A8C77

6A967B

# Harmonies

## Analogous

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



553F6A



6A3757



723540

# Triad

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



6A3757



4D4A1A



005265

# Complementary

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



6A3757



376A4A

# 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.



005350



6A3757



344F25

# Square

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



6A3757



61421D



0F5239



004E72

# Rectangle

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



6A3757



713732



0F5239



00535F



# Sweetspot

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



6A3757



8A7683



4A376A



453940



C4C4C4



454545



# Same Dimension

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



6A3757



8A3A6C



6A373E



363034



75004A



F5009A



# Inverse Universe

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



6A3757



8A3A6C



376A63



363034



75004A

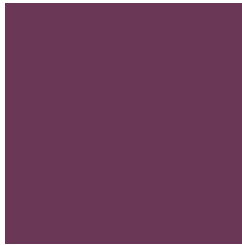


F5009A



# Previews

## White Background



This preview shows how the Hex color 6A3757 looks on a white background.

## Color Contrast Check

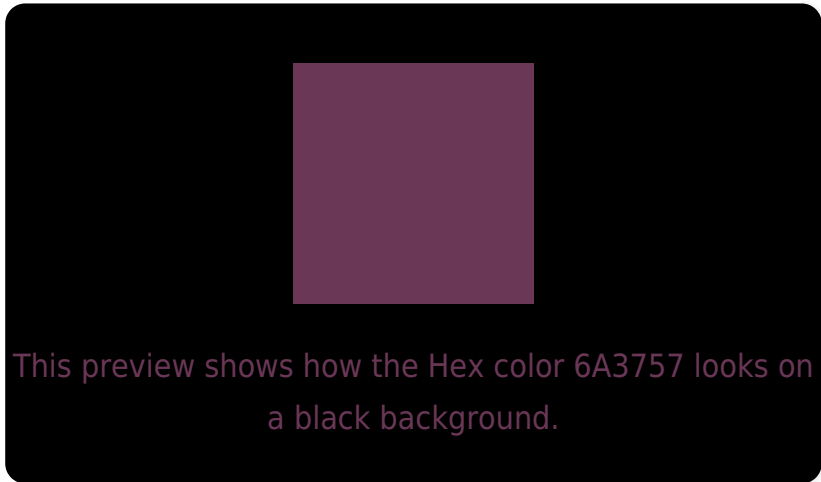
Large Text (above 18pt) WCAG AA ✓ Pass

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

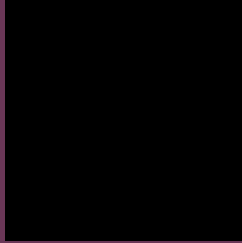
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3757 Background



This preview shows how black text looks on a background with the Hex color 6A3757.



This preview shows how white text looks on a background with the Hex color 6A3757.

# 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**  
6A3757

**Protanopia**  
414863

**Deuteranopia**  
4A4754



**Tritanopia**  
683C40

# Trichromacy



**Original Color**  
6A3757

**Protanomaly**  
50425F

**Deuteranomaly**  
564155

**Tritanomaly**  
693A48

# Monochromacy



**Original Color**  
6A3757

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
56434F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3757 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 #6A3757 looks like.

```
.text, #text, p{  
    color:#6A3757  
}
```

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 #6A3757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3757  
}
```

## Border

The CSS property to change the border of an element to Hex 6A3757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

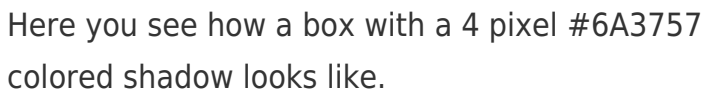
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A3757 }
```

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

```
.border{ border-color:#6A3757 }
```

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



Here you see how a box with a 4 pixel #6A3757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3757; -webkit-box-shadow:4px 4px  
4px 4px #6A3757; box-shadow:4px 4px 4px  
4px #6A3757 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3757 }
```

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

```
.background{ background-color:#6A3757 }
```

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