

Converting Colors

Hex(6A3F42)

Have a look what the booklet for
Hex(6A3F42) contains.

Hex(6A3F42)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A3F42)

Conversions

Conversions Part 1

Format	Color
Hex	6A3F42
RGB	106, 63, 66
RGB Percent	42%, 25%, 26%
CMY	0.5843, 0.7529, 0.7412
CMYK	0.00, 0.41, 0.38, 0.58
HSL	356°, 25%, 33%
HSV	356°, 41%, 42%
XYZ	8.7047, 7.0125, 6.0490
YIQ	76.1990, 24.6650, 10.0490

Conversions

Conversions Part 2

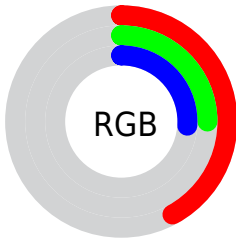
Format	Color
R_{YB}	106, 63, 66
Decimal	6963010
CIE Lab	31.84, 19.19, 6.16
CIE LCh	32, 20.154, 17.799
Yxy	7.0125, 0.3999, 0.3222
Android (android.graphics.Color)	4285153090 (0xFF6A3F42)
YUV	76.1990, -5.0281, 26.1355
Hunter-Lab	26.4812, 12.3334, 4.9934

Details

The Hex color **6A3F42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F6A67**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9F6F72**, and **381318** is the 20% darker color. If you saturate the color by 10%, you get **6A3438**, and if you desaturate by 10%, it is **6A4A4C**.

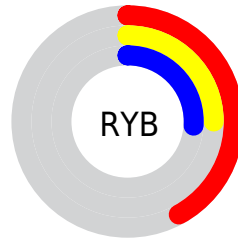
Distribution



Red (42%)

Green (25%)

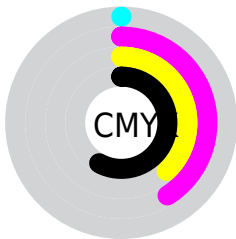
Blue (26%)



Red (42%)

Yellow (25%)

Blue (26%)

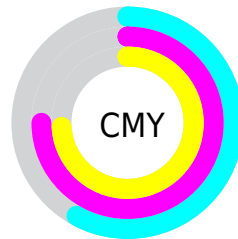


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3F42 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 6A3F42 by changing the saturation by 10% instead.



6A3F42



6A3F42

FFFFFF



51282C



9F6F72



381318



BA898B



250000



D6A3A6



000000



F3BFC1



FFDADD



FFF7F9



6A3F42



6A3F42



6A3438



6A4A4C

■ 6A2A2E

■ 6A5456

■ 6A1F24

■ 6A5F60

■ 6A151B

■ 6A6969

■ 6A0A11

■ 6A7473

■ 6A0007

■ 6A7F7D

■ 6A8987

■ 6A9491

■ 6A9E9B

Harmonies

Analogous

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



663F52



6A3F42



664234

Triad

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



6A3F42



3A5135



2A4E69

Complementary

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



6A3F42



3F6A67

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.



115262



6A3F42



265344

Square

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



6A3F42



4C4D2C



125354



434969

Rectangle

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



6A3F42



5F462E



125354



215068

Sweetspot

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



6A3F42



8A797A



663F6A



453B3C



C4C4C4



454545

Same Dimension

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



6A3F42



8A464B



6A513F



363031



750008



F50011

Inverse Universe

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



6A3F42



8A464B



3F586A



363031



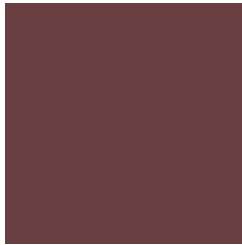
750008



F50011

Previews

White Background



This preview shows how the Hex color 6A3F42 looks on a white background.

Color Contrast Check

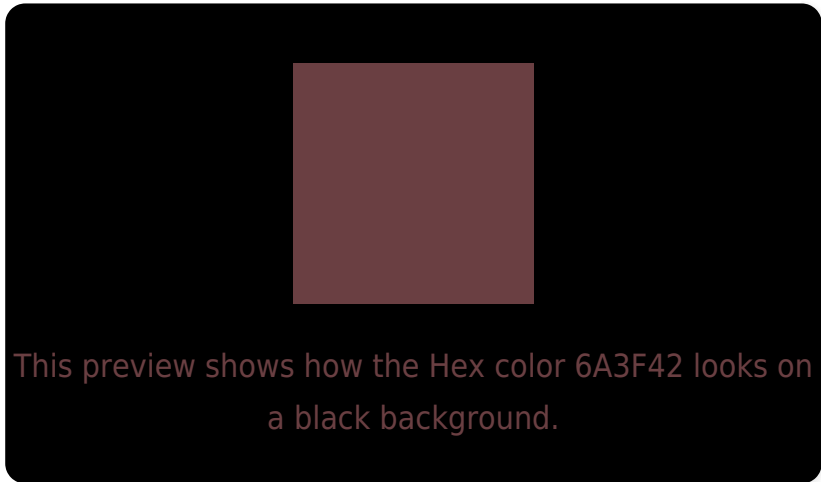
Large Text (above 18pt) WCAG AA ✓ Pass

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

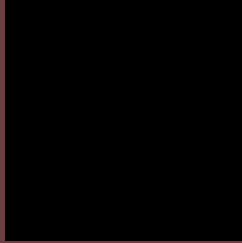
Any Text WCAG AA × Fail

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 6A3F42 Background



This preview shows how black text looks on a background with the Hex color 6A3F42.

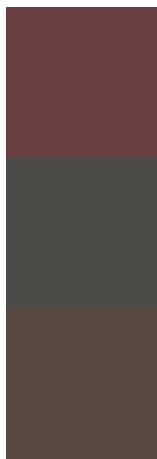


This preview shows how white text looks on a background with the Hex color 6A3F42.

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
6A3F42

Protanopia
4D4B48

Deuteranopia
574840



Tritanopia
6A3F43

Trichromacy



Original Color
6A3F42

Protanomaly
584746

Deuteranomaly
5E4541

Tritanomaly
6A3F43

Monochromacy



Original Color
6A3F42

Achromatopsia
4C4C4C

Achromatomaly
574748

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3F42 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 #6A3F42 looks like.

```
.text, #text, p{  
    color:#6A3F42  
}
```

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 #6A3F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3F42
}
```

Border

The CSS property to change the border of an element to Hex 6A3F42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

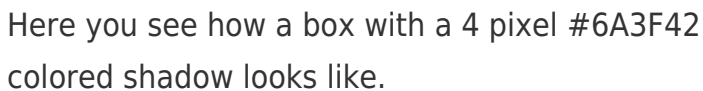
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3F42 }
```

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

```
.border{ border-color:#6A3F42 }
```

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



Here you see how a box with a 4 pixel #6A3F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3F42; -webkit-box-shadow:4px 4px  
4px 4px #6A3F42; box-shadow:4px 4px 4px  
4px #6A3F42 }
```

Background

The CSS property to change the background color of an element to Hex 6A3F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3F42 }
```

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

```
.background{ background-color:#6A3F42 }
```

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