

# Converting Colors

Hex(6A3F41)

Have a look what the booklet for  
Hex(6A3F41) contains.

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# Color

**Hex(6A3F41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A3F41
RGB	106, 63, 65
RGB Percent	42%, 25%, 25%
CMY	0.5843, 0.7529, 0.7451
CMYK	0.00, 0.41, 0.39, 0.58
HSL	357°, 25%, 33%
HSV	357°, 41%, 42%
XYZ	8.6755, 7.0008, 5.8951
YIQ	76.0850, 24.9860, 9.7380

# Conversions

## Conversions Part 2

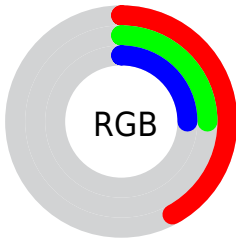
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 63, 65
Decimal	6963009
CIE Lab	31.81, 19.05, 6.77
CIE LCh	32, 20.218, 19.557
Yxy	7.0008, 0.4022, 0.3245
Android (android.graphics.Color)	4285153089 (0xFF6A3F41)
YUV	76.0850, -5.4649, 26.2355
Hunter-Lab	26.4591, 12.2238, 5.3116

# Details

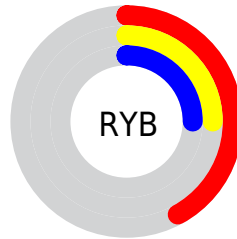
The Hex color **6A3F41** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F6A68**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9F6F71**, and **381317** is the 20% darker color. If you saturate the color by 10%, you get **6A3437**, and if you desaturate by 10%, it is **6A4A4B**.

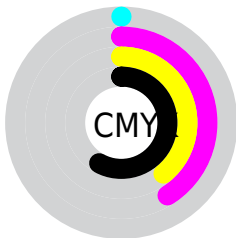
# Distribution



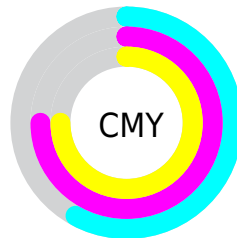
- Red (42%)
- Green (25%)
- Blue (25%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (39%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3F41 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 6A3F41 by changing the saturation by 10% instead.



6A3F41

6A3F41

FFFFFF

51282B

9F6F71

381317

BA898A

250000

D7A3A4

000000

F3BFC0

FFDADB

FFF7F8

6A3F41

6A3F41

6A3437

6A4A4B

■ 6A2A2D

■ 6A5455

■ 6A1F23

■ 6A5F5F

■ 6A1519

■ 6A6969

■ 6A0A0E

■ 6A7474

■ 6A0005

■ 6A7F7E

■ 6A8988

■ 6A9492

■ 6A9E9C

# Harmonies

## Analogous

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



663F51



6A3F41



654333

# Triad

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



6A3F41



395136



2B4E6A

# Complementary

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



6A3F41



3F6A68

# 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.



125262



6A3F41



255345

# Square

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



6A3F41



4B4D2C



115355



454969

# Rectangle

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



6A3F41



5F462D



115355



224F68



# Sweetspot

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



6A3F41



8A797A



683F6A



453B3C



C4C4C4



454545



# Same Dimension

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



6A3F41



8A4649



6A523F



363030



750005



F5000B



# Inverse Universe

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



6A3F41



8A4649



3F576A



363030



750005

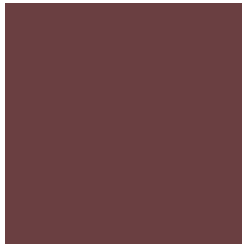


F5000B



# Previews

## White Background



This preview shows how the Hex color 6A3F41 looks on a white background.

## Color Contrast Check

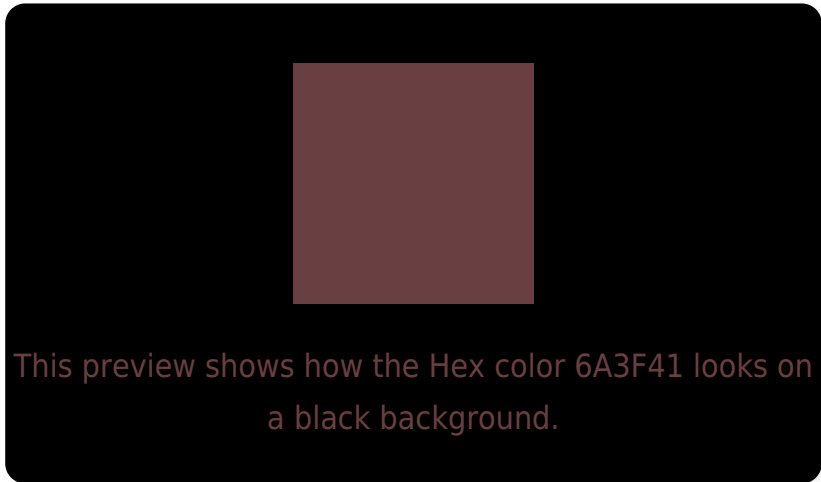
Large Text (above 18pt) WCAG AA ✓ Pass

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

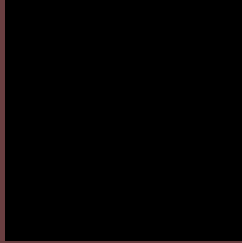
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3F41 Background



This preview shows how black text looks on a background with the Hex color 6A3F41.



This preview shows how white text looks on a background with the Hex color 6A3F41.

# 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**  
6A3F41

**Protanopia**  
4E4B47

**Deuteranopia**  
57483F



**Tritanopia**  
6A3F43

# Trichromacy



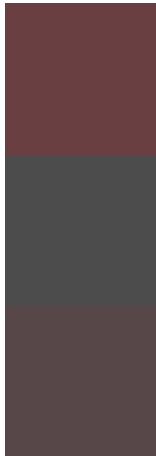
**Original Color**  
6A3F41

**Protanomaly**  
584745

**Deuteranomaly**  
5E4540

**Tritanomaly**  
6A3F42

# Monochromacy



**Original Color**  
6A3F41

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
574748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3F41 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 #6A3F41 looks like.

```
.text, #text, p{  
    color:#6A3F41  
}
```

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 #6A3F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3F41
}
```

## Border

The CSS property to change the border of an element to Hex 6A3F41 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".

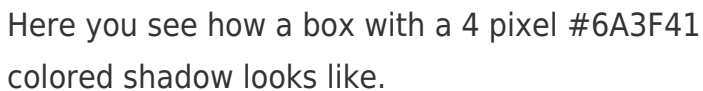
```
.border, #border, table{ border:4px solid
#6A3F41 }
```

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

```
.border{ border-color:#6A3F41 }
```

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

Here you see how a box with a 4 pixel #6A3F41 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, indicating a box shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3F41; -webkit-box-shadow:4px 4px  
4px 4px #6A3F41; box-shadow:4px 4px 4px  
4px #6A3F41 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3F41 }
```

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

```
.background{ background-color:#6A3F41 }
```

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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