

# Converting Colors

Hex(6A383B)

Have a look what the booklet for  
Hex(6A383B) contains.

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# Color

**Hex(6A383B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A383B
RGB	106, 56, 59
RGB Percent	42%, 22%, 23%
CMY	0.5843, 0.7804, 0.7686
CMYK	0.00, 0.47, 0.44, 0.58
HSL	356°, 31%, 32%
HSV	356°, 47%, 42%
XYZ	8.1474, 6.2083, 4.9066
YIQ	71.2920, 28.8370, 11.5330

# Conversions

## Conversions Part 2

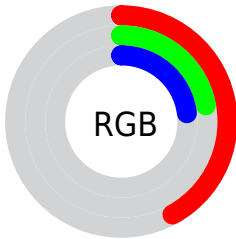
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 56, 59
Decimal	6961211
CIE Lab	29.93, 22.48, 8.02
CIE LCh	30, 23.867, 19.641
Yxy	6.2083, 0.4230, 0.3223
Android (android.graphics.Color)	4285151291 (0xFF6A383B)
YUV	71.2920, -6.0600, 30.4389
Hunter-Lab	24.9164, 14.7641, 5.7660

# Details

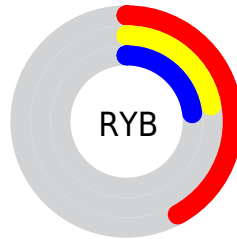
The Hex color **6A383B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **386A67**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9F686A**, and **380B11** is the 20% darker color. If you saturate the color by 10%, you get **6A2D31**, and if you desaturate by 10%, it is **6A4345**.

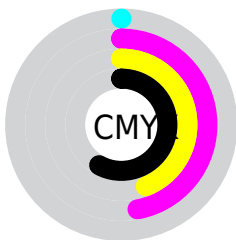
# Distribution



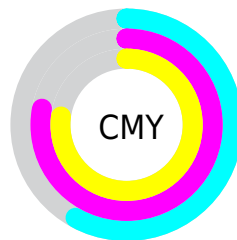
- Red (42%)
- Green (22%)
- Blue (23%)



- Red (42%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (47%)
- Yellow (44%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A383B 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 6A383B by changing the saturation by 10% instead.





6A383B



6A383B

FFFFFF



502125



9F686A



380B11



BB8183



240001



D79C9D



000000



F4B7B8



FFD3D4



FFEFF0



6A383B



6A383B



6A2D31



6A4345

■ 6A2327

■ 6A4D4F

■ 6A181D

■ 6A5859

■ 6A0E13

■ 6A6263

■ 6A0309

■ 6A6D6D

■ 6A0006

■ 6A7877

■ 6A8281

■ 6A8D8B

■ 6A9795

# Harmonies

## Analogous

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



66384E



6A383B



643D2B

# Triad

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



6A383B



314D2E



1A4A6B

# Complementary

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



6A383B



386A67

# 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.



004E62



6A383B



14503F

# Square

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



6A383B



464923



005052



3E4469

# Rectangle

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



6A383B



5D4124



005052



054C69



# Sweetspot

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



6A383B



8A7678



67386A



45393A



C4C4C4



454545



# Same Dimension

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



6A383B



8A3B40



6A4E38



363031



750007



F5000F



# Inverse Universe

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



6A383B



8A3B40



38546A



363031



750007

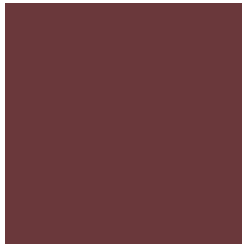


F5000F



# Previews

## White Background



This preview shows how the Hex color 6A383B looks on a white background.

## Color Contrast Check

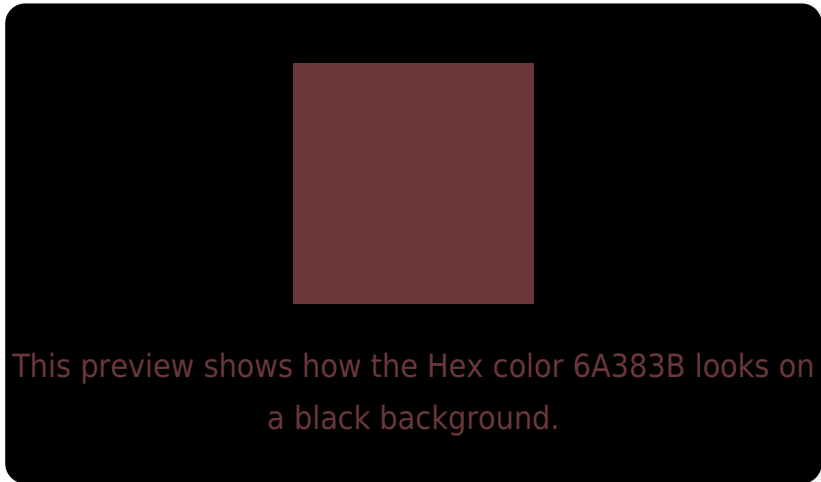
Large Text (above 18pt) WCAG AA ✓ Pass

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

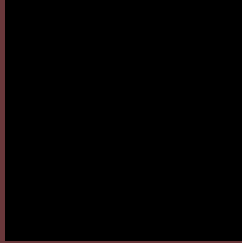
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A383B Background



This preview shows how black text looks on a background with the Hex color 6A383B.



This preview shows how white text looks on a background with the Hex color 6A383B.

# 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**  
6A383B

**Protanopia**  
494743

**Deuteranopia**  
534439



**Tritanopia**  
6A383C

# Trichromacy



**Original Color**  
6A383B

**Protanomaly**  
554240

**Deuteranomaly**  
5B403A

**Tritanomaly**  
6A383C

# Monochromacy



**Original Color**  
6A383B

**Achromatopsia**  
474747

**Achromatomaly**  
544243

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A383B 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 #6A383B looks like.

```
.text, #text, p{  
    color:#6A383B  
}
```

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 #6A383B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A383B
}
```

## Border

The CSS property to change the border of an element to Hex 6A383B 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".

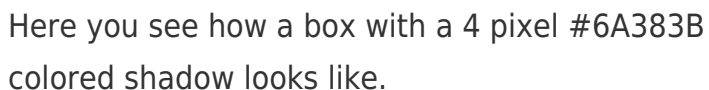
```
.border, #border, table{ border:4px solid
#6A383B }
```

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

```
.border{ border-color:#6A383B }
```

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

Here you see how a box with a 4 pixel #6A383B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6A383B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A383B; -webkit-box-shadow:4px 4px  
4px 4px #6A383B; box-shadow:4px 4px 4px  
4px #6A383B }
```

# Background

The CSS property to change the background color of an element to Hex 6A383B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A383B }
```

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

```
.background{ background-color:#6A383B }
```

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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