

Converting Colors

Hex(6A3D38)

Have a look what the booklet for
Hex(6A3D38) contains.

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Color

Hex(6A3D38)

Conversions

Conversions Part 1

Format	Color
Hex	6A3D38
RGB	106, 61, 56
RGB Percent	42%, 24%, 22%
CMY	0.5843, 0.7608, 0.7804
CMYK	0.00, 0.42, 0.47, 0.58
HSL	6°, 31%, 32%
HSV	6°, 47%, 42%
XYZ	8.3264, 6.6872, 4.5933
YIQ	73.8850, 28.4250, 7.9850

Conversions

Conversions Part 2

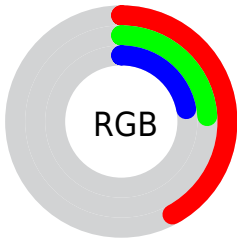
Format	Color
R_{YB}	106, 62, 56
Decimal	6962488
CIE Lab	31.08, 19.12, 11.56
CIE LCh	31, 22.337, 31.156
Yxy	6.6872, 0.4247, 0.3411
Android (android.graphics.Color)	4285152568 (0xFF6A3D38)
YUV	73.8850, -8.8173, 28.1649
Hunter-Lab	25.8596, 12.2201, 7.5704

Details

The Hex color **6A3D38** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38656A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9F6D67**, and **38110D** is the 20% darker color. If you saturate the color by 10%, you get **6A332D**, and if you desaturate by 10%, it is **6A4743**.

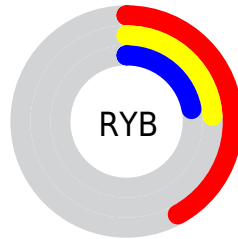
Distribution



 Red (42%)

 Green (24%)

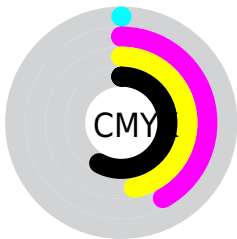
 Blue (22%)



 Red (42%)

 Yellow (24%)

 Blue (22%)

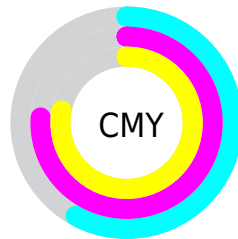


 Cyan (0%)

 Magenta (42%)

 Yellow (47%)

 Black (58%)



 Cyan (58%)

 Magenta (76%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3D38 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 6A3D38 by changing the saturation by 10% instead.



6A3D38



6A3D38

FFFFFF



512723



9F6D67



38110D



BB8780



230000



D7A19A



000000



F4BCB5



FFD8D0



FFF5EC



6A3D38



6A3D38



6A332D



6A4743

■ 6A2A23

■ 6A504D

■ 6A2018

■ 6A5A58

■ 6A170E

■ 6A6362

■ 6A0D03

■ 6A6D6D

■ 6A0B00

■ 6A7678

■ 6A8082

■ 6A898D

■ 6A9397

Harmonies

Analogous

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



6A3B49



6A3D38



62422B

Triad

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



6A3D38



2C5138



304B6C

Complementary

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



6A3D38



38656A

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.



094F67



6A3D38



115249

Square

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



6A3D38



424D2B



00525B



4C4467

Rectangle

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



6A3D38



594626



00525B



254C6B

Sweetspot

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



6A3D38



8A7876



6A3865



453A39



C4C4C4



454545

Same Dimension

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



6A3D38



8A433B



6A5638



363130



750C00



F51800

Inverse Universe

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



38656A



3B828A



384C6A



303536



006A75



00DCF5

Previews

White Background



This preview shows how the Hex color 6A3D38 looks on a white background.

Color Contrast Check

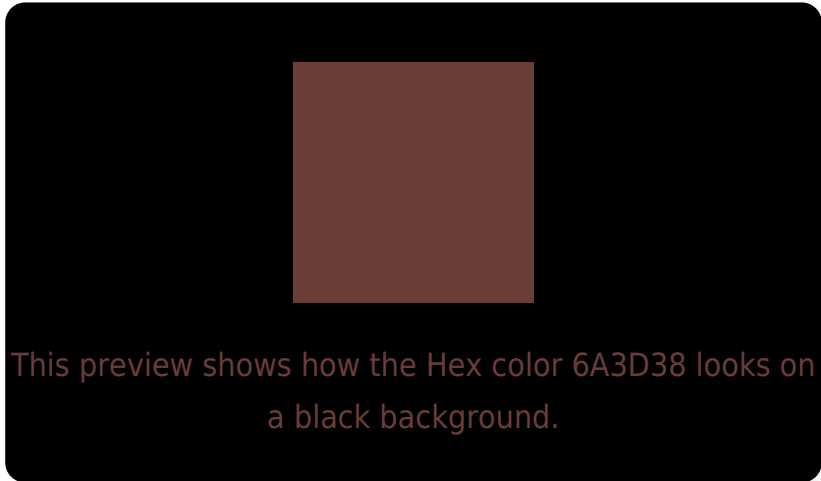
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A3D38 Background



This preview shows how black text looks on a background with the Hex color 6A3D38.

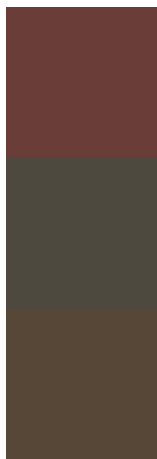


This preview shows how white text looks on a background with the Hex color 6A3D38.

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
6A3D38

Protanopia
4E493E

Deuteranopia
574736



Tritanopia
6B3C40

Trichromacy



Original Color
6A3D38

Protanomaly
58453C

Deuteranomaly
5E4337

Tritanomaly
6B3C3D

Monochromacy



Original Color
6A3D38

Achromatopsia
4A4A4A

Achromatomaly
564543

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3D38 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 #6A3D38 looks like.

```
.text, #text, p{  
    color:#6A3D38  
}
```

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 #6A3D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3D38
}
```

Border

The CSS property to change the border of an element to Hex 6A3D38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

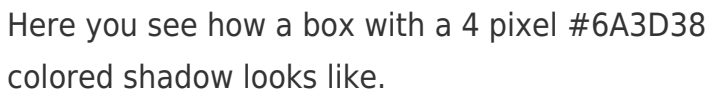
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3D38 }
```

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

```
.border{ border-color:#6A3D38 }
```

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



Here you see how a box with a 4 pixel #6A3D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3D38; -webkit-box-shadow:4px 4px  
4px 4px #6A3D38; box-shadow:4px 4px 4px  
4px #6A3D38 }
```

Background

The CSS property to change the background color of an element to Hex 6A3D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3D38 }
```

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

```
.background{ background-color:#6A3D38 }
```

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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