

# Converting Colors

Hex(6A3034)

Have a look what the booklet for  
Hex(6A3034) contains.

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# Color

**Hex(6A3034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3034
RGB	106, 48, 52
RGB Percent	42%, 19%, 20%
CMY	0.5843, 0.8118, 0.7961
CMYK	0.00, 0.55, 0.51, 0.58
HSL	356°, 38%, 30%
HSV	356°, 55%, 42%
XYZ	7.6206, 5.4260, 3.8945
YIQ	65.7980, 33.2840, 13.5400

# Conversions

## Conversions Part 2

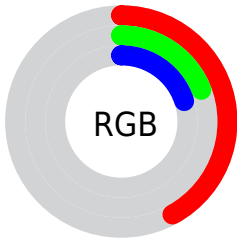
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 48, 52
Decimal	6959156
CIE Lab	27.92, 26.31, 9.82
CIE LCh	28, 28.085, 20.467
Yxy	5.4260, 0.4498, 0.3203
Android (android.graphics.Color)	4285149236 (0xFF6A3034)
YUV	65.7980, -6.8024, 35.2572
Hunter-Lab	23.2938, 17.6327, 6.3930

# Details

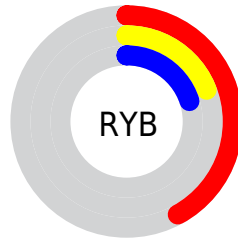
The Hex color **6A3034** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **306A66**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A06062**, and **370206** is the 20% darker color. If you saturate the color by 10%, you get **6A252A**, and if you desaturate by 10%, it is **6A3B3E**.

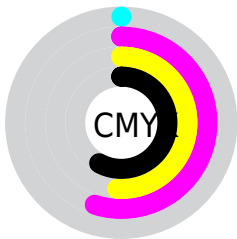
# Distribution



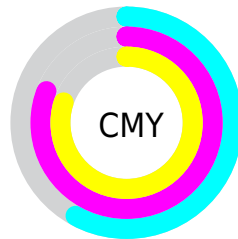
- Red (42%)
- Green (19%)
- Blue (20%)



- Red (42%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (51%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3034 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 6A3034 by changing the saturation by 10% instead.



 6A3034

 6A3034

FFFFFF

 50191F

 A06062

 370206

 BC797B

 1F0001

 D99395

 000000

 F6AEB0

 FFCACB

 FFE6E7

 6A3034

 6A3034

 6A252A

 6A3B3E

 6A1B20

 6A4548

 6A1016

 6A5052

 6A060D

 6A5A5B

 6A0007

 6A6565

 6A706F

 6A7A79

 6A8583

 6A8F8D

# Harmonies

## Analogous

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



66304A



6A3034



633621

# Triad

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



6A3034



264A25



00466C

# Complementary

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



6A3034



306A66

# 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.



004B63



6A3034



004C3A

# Square

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



6A3034



404517



004D50



383F6A

# Rectangle

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



6A3034



5A3C19



004D50



00486A



# Sweetspot

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



6A3034



8A7475



65306A



453839



C4C4C4



454545



# Same Dimension

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



6A3034



8A2F35



6A4830



363031



750008



F50011



# Inverse Universe

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



6A3034



8A2F35



30526A



363031



750008

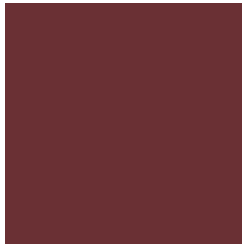


F50011



# Previews

## White Background



This preview shows how the Hex color 6A3034 looks on a white background.

## Color Contrast Check

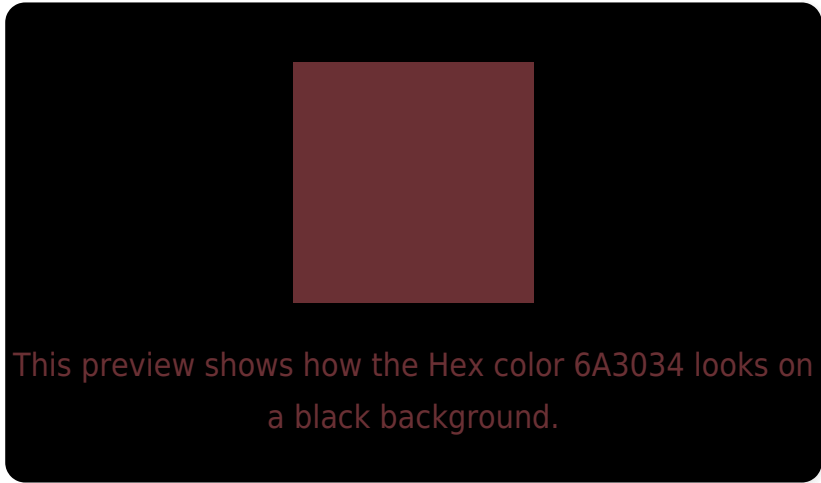
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A3034 Background



This preview shows how black text looks on a background with the Hex color 6A3034.



This preview shows how white text looks on a background with the Hex color 6A3034.

# 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**  
6A3034

**Protanopia**  
45423D

**Deuteranopia**  
4F4031



**Tritanopia**  
6A3033

# Trichromacy



**Original Color**

6A3034

**Protanomaly**

523B3A

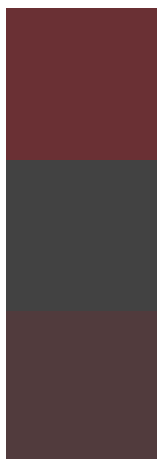
**Deuteranomaly**

593A32

**Tritanomaly**

6A3033

# Monochromacy



**Original Color**

6A3034

**Achromatopsia**

424242

**Achromatomaly**

513B3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3034 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 #6A3034 looks like.

```
.text, #text, p{  
    color:#6A3034  
}
```

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 #6A3034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3034
}
```

## Border

The CSS property to change the border of an element to Hex 6A3034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

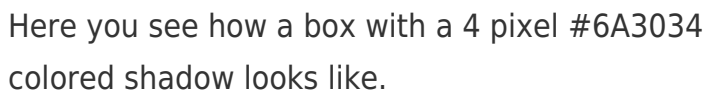
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3034 }
```

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

```
.border{ border-color:#6A3034 }
```

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



Here you see how a box with a 4 pixel #6A3034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3034; -webkit-box-shadow:4px 4px  
4px 4px #6A3034; box-shadow:4px 4px 4px  
4px #6A3034 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3034 }
```

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

```
.background{ background-color:#6A3034 }
```

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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