

# Converting Colors

Hex(6F3134)

Have a look what the booklet for  
Hex(6F3134) contains.

|  |    |
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**Color**

**Hex(6F3134)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 6F3134                    |
| RGB         | 111, 49, 52               |
| RGB Percent | 44%, 19%, 20%             |
| CMY         | 0.5647, 0.8078, 0.7961    |
| CMYK        | 0.00, 0.56, 0.53, 0.56    |
| HSL         | 357°, 39%, 31%            |
| HSV         | 357°, 56%, 44%            |
| XYZ         | 8.2737, 5.8241, 3.9369    |
| YIQ         | 67.8800, 35.9890, 14.0770 |

# Conversions

## Conversions Part 2

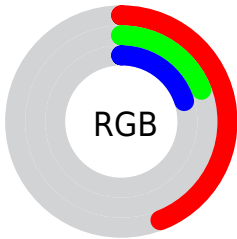
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 111, 49, 52                  |
| Decimal                             | 7287092                      |
| CIE <sub>Lab</sub>                  | 28.96, 27.78, 11.39          |
| CIE <sub>LCh</sub>                  | 29, 30.026, 22.292           |
| Yxy                                 | 5.8241, 0.4588,<br>0.3229    |
| Android<br>(android.graphics.Color) | 4285477172<br>(0xFF6F3134)   |
| YUV                                 | 67.8800, -7.8288,<br>37.8162 |
| Hunter-Lab                          | 24.1331, 18.9633,<br>7.2210  |

# Details

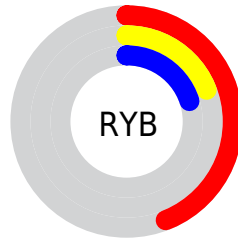
The Hex color **6F3134** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **316F6C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A66162**, and **3B0207** is the 20% darker color. If you saturate the color by 10%, you get **6F2629**, and if you desaturate by 10%, it is **6F3C3F**.

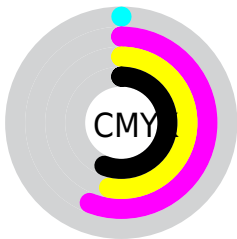
# Distribution



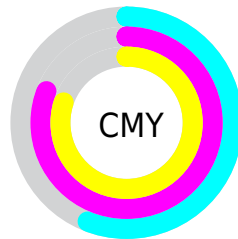
- Red (44%)
- Green (19%)
- Blue (20%)



- Red (44%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F3134 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 6F3134 by changing the saturation by 10% instead.



 6F3134

 6F3134

FFFFFF

 551A1F

 A66162

 3B0207

 C27B7B

 250001

 DF9595

 000000

 FCB0B0

 FFCCCB

 FFE8E7

 6F3134

 6F3134

 6F2629

 6F3C3F

 6F1B1F

 6F4749

 6F1014

 6F5254

 6F050A

 6F5D5E

 6F0005

 6F6969

 6F7473

 6F7F7E

 6F8A89

 6F9593

# Harmonies

## Analogous

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



6C304B



6F3134



673820

# Triad

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



6F3134



244D27



004972

# Complementary

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



6F3134



316F6C

# 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.



004E69



6F3134



004F3D

# Square

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



6F3134



404817



005055



3B416F

# Rectangle

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



6F3134



5D3E17



005055



004B70



# Sweetspot

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



6F3134



91797A



6C316F



4A3B3C



C9C9C9



4A4A4A



# Same Dimension

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



6F3134



913035



6F4D31



383233



780006



F7000C



# Inverse Universe

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



6F3134



913035



31536F



383233



780006

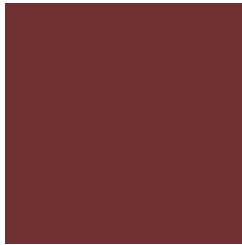


F7000C



# Previews

## White Background



This preview shows how the Hex color 6F3134 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

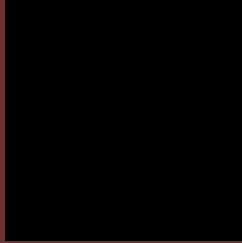
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F3134 Background



This preview shows how black text looks on a background with the Hex color 6F3134.



This preview shows how white text looks on a background with the Hex color 6F3134.

# 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**  
6F3134

**Protanopia**  
48453D

**Deuteranopia**  
524231



**Tritanopia**  
6F3134

# Trichromacy



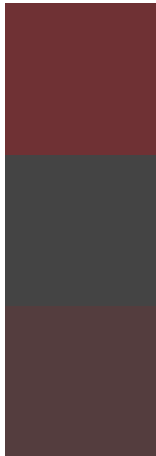
**Original Color**  
6F3134

**Protanomaly**  
563E3A

**Deuteranomaly**  
5D3C32

**Tritanomaly**  
6F3134

# Monochromacy



**Original Color**  
6F3134

**Achromatopsia**  
444444

**Achromatomaly**  
543D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F3134 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 #6F3134 looks like.

```
.text, #text, p{  
    color:#6F3134  
}
```

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 #6F3134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3134
}
```

## Border

The CSS property to change the border of an element to Hex 6F3134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

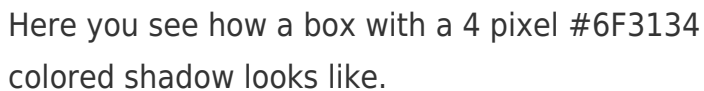
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3134 }
```

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

```
.border{ border-color:#6F3134 }
```

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



Here you see how a box with a 4 pixel #6F3134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3134; -webkit-box-shadow:4px 4px  
4px 4px #6F3134; box-shadow:4px 4px 4px  
4px #6F3134 }
```

# Background

The CSS property to change the background color of an element to Hex 6F3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3134 }
```

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

```
.background{ background-color:#6F3134 }
```

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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