

# Converting Colors

Hex(6F4251)

Have a look what the booklet for  
Hex(6F4251) contains.

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**Color**

**Hex(6F4251)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4251
RGB	111, 66, 81
RGB Percent	44%, 26%, 32%
CMY	0.5647, 0.7412, 0.6824
CMYK	0.00, 0.41, 0.27, 0.56
HSL	340°, 25%, 35%
HSV	340°, 41%, 44%
XYZ	9.9890, 7.8700, 8.7772
YIQ	81.1650, 22.0050, 14.2050

# Conversions

## Conversions Part 2

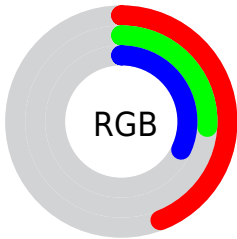
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 66, 81
Decimal	7291473
CIE <sub>Lab</sub>	33.71, 21.69, -0.69
CIE <sub>LCh</sub>	34, 21.696, 358.182
Yxy	7.8700, 0.3750, 0.2955
Android (android.graphics.Color)	4285481553 (0xFF6F4251)
YUV	81.1650, -0.0813, 26.1653
Hunter-Lab	28.0536, 14.4644, 1.0873

# Details

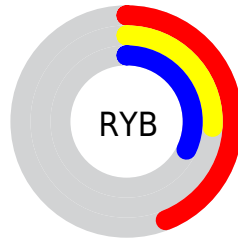
The Hex color **6F4251** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **426F60**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A47382**, and **3E1525** is the 20% darker color. If you saturate the color by 10%, you get **6F374A**, and if you desaturate by 10%, it is **6F4D58**.

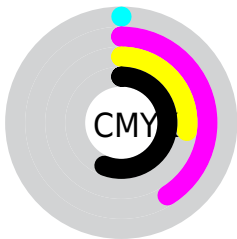
# Distribution



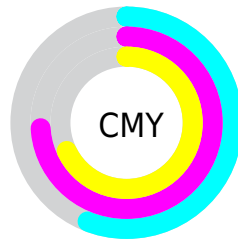
- Red (44%)
- Green (26%)
- Blue (32%)



- Red (44%)
- Yellow (26%)
- Blue (32%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4251 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 6F4251 by changing the saturation by 10% instead.



6F4251

6F4251

FFFFFF

562B3A

A47382

3E1525

BF8D9C

28000F

DCA7B7

000000

F8C2D3

FFDFEF

FFFBFF

6F4251

6F4251

6F374A

6F4D58

6F2C42

6F5860

6F213B

6F6367

6F1633

6F6E6F

6F0A2C

6F7A76

6F0025

6F857D

6F9085

6F9B8C

6FA694

# Harmonies

## Analogous

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



644562



6F4251



704340

# Triad

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



6F4251



4A5330



16566C

# Complementary

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



6F4251



426F60

# 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.



07585F



6F4251



36573D

# Square

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



6F4251



5C4E2D



1E584E



355171

# Rectangle

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



6F4251



6C4636



1E584E



0C5768



# Sweetspot

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



6F4251



918086



60426F



4A4043



C9C9C9



4A4A4A



# Same Dimension

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



6F4251



914A62



6F4A42



383234



780028



F70052



# Inverse Universe

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



6F4251



914A62



42676F



383234



780028

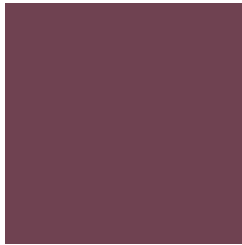


F70052



# Previews

## White Background



This preview shows how the Hex color 6F4251 looks on a white background.

## Color Contrast Check

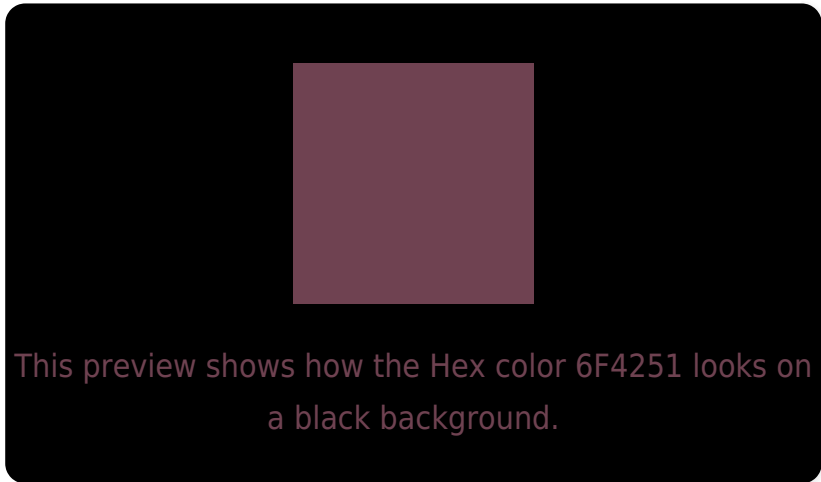
Large Text (above 18pt) WCAG AA ✓ Pass

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

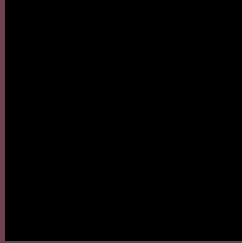
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F4251 Background



This preview shows how black text looks on a background with the Hex color 6F4251.



This preview shows how white text looks on a background with the Hex color 6F4251.

# 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**  
6F4251

**Protanopia**  
4E4F59

**Deuteranopia**  
584D4F



**Tritanopia**  
6E4349

# Trichromacy



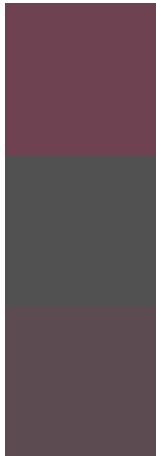
**Original Color**  
6F4251

**Protanomaly**  
5A4A56

**Deuteranomaly**  
604950

**Tritanomaly**  
6E434C

# Monochromacy



**Original Color**  
6F4251

**Achromatopsia**  
515151

**Achromatomaly**  
5C4C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4251 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 #6F4251 looks like.

```
.text, #text, p{  
    color:#6F4251  
}
```

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 #6F4251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4251
}
```

## Border

The CSS property to change the border of an element to Hex 6F4251 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".

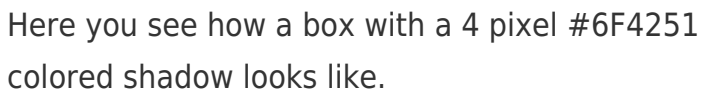
```
.border, #border, table{ border:4px solid
#6F4251 }
```

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

```
.border{ border-color:#6F4251 }
```

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

Here you see how a box with a 4 pixel #6F4251 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 #6F4251 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4251; -webkit-box-shadow:4px 4px  
4px 4px #6F4251; box-shadow:4px 4px 4px  
4px #6F4251 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4251 }
```

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

```
.background{ background-color:#6F4251 }
```

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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