

# Converting Colors

Hex(6F2E46)

Have a look what the booklet for  
Hex(6F2E46) contains.

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# Color

**Hex(6F2E46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F2E46
RGB	111, 46, 70
RGB Percent	44%, 18%, 27%
CMY	0.5647, 0.8196, 0.7255
CMYK	0.00, 0.59, 0.37, 0.56
HSL	338°, 41%, 31%
HSV	338°, 59%, 44%
XYZ	8.6380, 5.7757, 6.4539
YIQ	68.1710, 31.0360, 21.2440

# Conversions

## Conversions Part 2

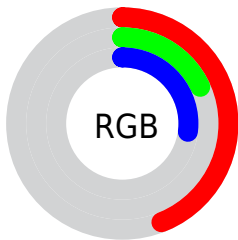
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 46, 70
Decimal	7286342
CIE <sub>Lab</sub>	28.84, 31.53, -0.67
CIE <sub>LCh</sub>	29, 31.534, 358.781
Yxy	5.7757, 0.4139, 0.2768
Android (android.graphics.Color)	4285476422 (0xFF6F2E46)
YUV	68.1710, 0.9017, 37.5610
Hunter-Lab	24.0327, 22.1008, 0.9007

# Details

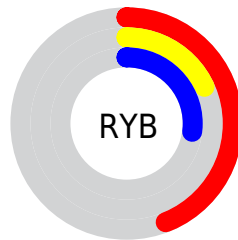
The Hex color **6F2E46** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E6F57**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A55F76**, and **3C001B** is the 20% darker color. If you saturate the color by 10%, you get **6F233F**, and if you desaturate by 10%, it is **6F394D**.

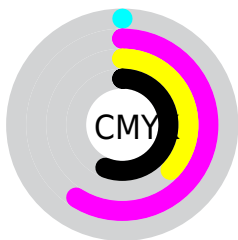
# Distribution



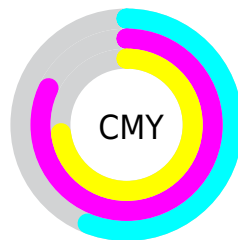
- Red (44%)
- Green (18%)
- Blue (27%)



- Red (44%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (37%)
- Black (56%)



- Cyan (56%)
- Magenta (82%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F2E46 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 6F2E46 by changing the saturation by 10% instead.



6F2E46

6F2E46

FFFFFF

551630

A55F76

3C001B

C17890

280001

DE93AA

000000

FBAEC5

FFC9E1

FFE6FE

6F2E46

6F2E46

6F233F

6F394D

■ 6F1838

■ 6F4454

■ 6F0D31

■ 6F4F5B

■ 6F022A

■ 6F5A62

■ 6F0029

■ 6F6669

■ 6F7170

■ 6F7C77

■ 6F877E

■ 6F9285

# Harmonies

## Analogous

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



61345E



6F2E46



70312E

# Triad

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



6F2E46



3A4916



004D6D

# Complementary

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



6F2E46



2E6F57

# 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.



00505B



6F2E46



184E2A

# Square

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



6F2E46



524210



005042



004775

# Rectangle

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



6F2E46



693620



005042



004E68



# Sweetspot

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



6F2E46



917781



562E6F



4A3A40



C9C9C9



4A4A4A



# Same Dimension

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



6F2E46



912C51



6F362E



383235



78002C



F7005B



# Inverse Universe

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



6F2E46



912C51



2E676F



383235



78002C

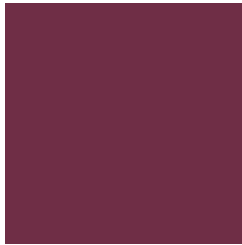


F7005B



# Previews

## White Background



This preview shows how the Hex color 6F2E46 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

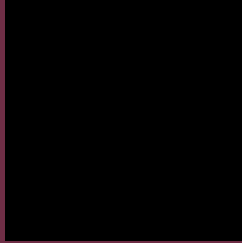
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F2E46 Background



This preview shows how black text looks on a background with the Hex color 6F2E46.



This preview shows how white text looks on a background with the Hex color 6F2E46.

# 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**  
6F2E46

**Protanopia**  
414454

**Deuteranopia**  
4C4343



**Tritanopia**  
6E3135

# Trichromacy



**Original Color**  
6F2E46

**Protanomaly**  
523C4F

**Deuteranomaly**  
593B44

**Tritanomaly**  
6E303B

# Monochromacy



**Original Color**  
6F2E46

**Achromatopsia**  
444444

**Achromatomaly**  
543C45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F2E46 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 #6F2E46 looks like.

```
.text, #text, p{  
    color:#6F2E46  
}
```

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 #6F2E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2E46
}
```

## Border

The CSS property to change the border of an element to Hex 6F2E46 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
#6F2E46 }
```

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

```
.border{ border-color:#6F2E46 }
```

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

Here you see how a box with a 4 pixel #6F2E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2E46; -webkit-box-shadow:4px 4px  
4px 4px #6F2E46; box-shadow:4px 4px 4px  
4px #6F2E46 }
```

# Background

The CSS property to change the background color of an element to Hex 6F2E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2E46 }
```

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

```
.background{ background-color:#6F2E46 }
```

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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