

# Converting Colors

Hex(6F2A5E)

Have a look what the booklet for  
Hex(6F2A5E) contains.

<b>Hex(6F2A5E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6F2A5E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F2A5E
RGB	111, 42, 94
RGB Percent	44%, 16%, 37%
CMY	0.5647, 0.8353, 0.6314
CMYK	0.00, 0.62, 0.15, 0.56
HSL	315°, 45%, 30%
HSV	315°, 62%, 44%
XYZ	9.4039, 5.8436, 11.2220
YIQ	68.5590, 24.4320, 30.8000

# Conversions

## Conversions Part 2

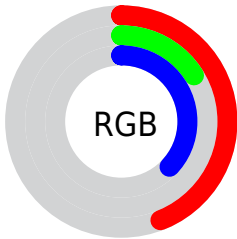
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 42, 94
Decimal	7285342
CIE <sub>Lab</sub>	29.01, 37.23, -16.16
CIE <sub>LCh</sub>	29, 40.584, 336.536
Yxy	5.8436, 0.3553, 0.2208
Android (android.graphics.Color)	4285475422 (0xFF6F2A5E)
YUV	68.5590, 12.5424, 37.2208
Hunter-Lab	24.1735, 27.1357, -10.6025

# Details

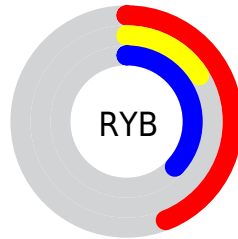
The Hex color **6F2A5E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A6F3B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A55C91**, and **3C0030** is the 20% darker color. If you saturate the color by 10%, you get **6F1F5B**, and if you desaturate by 10%, it is **6F3561**.

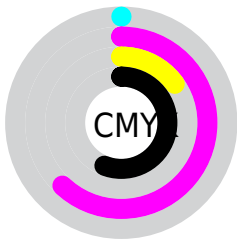
# Distribution



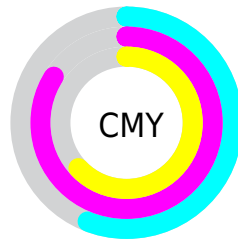
- Red (44%)
- Green (16%)
- Blue (37%)



- Red (44%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (62%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F2A5E 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 6F2A5E by changing the saturation by 10% instead.



6F2A5E

6F2A5E

FFFFFF

551046

A55C91

3C0030

C175AB

28001B

DD90C6

000000

FAABE3

FFC7FF

FFE3FF

6F2A5E

6F2A5E

6F1F5B

6F3561

 6F1459

 6F4063

 6F0956

 6F4B66

 6F0054

 6F5669

 6F626C

 6F6D6E

 6F7871

 6F8374

 6F8E77

# Harmonies

## Analogous

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



4E3977



6F2A5E



7C233F

# Triad

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



6F2A5E



4D4500



005269

# Complementary

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



6F2A5E



2A6F3B

# 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.



00534B



6F2A5E



2C4D0B

# Square

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



6F2A5E



673905



00512A



004E7E

# Rectangle

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



6F2A5E



7B282A



00512A



005360



# Sweetspot

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



6F2A5E



91768B



3A2A6F



4A3946



C9C9C9



4A4A4A



# Same Dimension

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



6F2A5E



912476



6F2A3C



383237



78005A



F700BA



# Inverse Universe

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



6F2A5E



912476



2A6F5D



383237



78005A

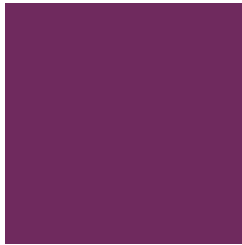


F700BA



# Previews

## White Background



This preview shows how the Hex color 6F2A5E 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

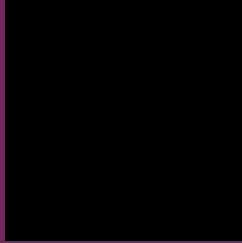
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F2A5E Background



This preview shows how black text looks on a background with the Hex color 6F2A5E.



This preview shows how white text looks on a background with the Hex color 6F2A5E.

# 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**  
6F2A5E

**Protanopia**  
324473

**Deuteranopia**  
41445A



**Tritanopia**  
6B3438

# Trichromacy



**Original Color**  
6F2A5E

**Protanomaly**  
483B6B

**Deuteranomaly**  
523B5B

**Tritanomaly**  
6C3046

# Monochromacy



**Original Color**  
6F2A5E

**Achromatopsia**  
454545

**Achromatomaly**  
543B4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F2A5E 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 #6F2A5E looks like.

```
.text, #text, p{  
    color:#6F2A5E  
}
```

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 #6F2A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2A5E
}
```

## Border

The CSS property to change the border of an element to Hex 6F2A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

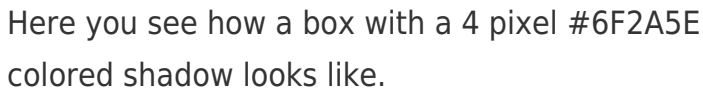
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F2A5E }
```

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

```
.border{ border-color:#6F2A5E }
```

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



Here you see how a box with a 4 pixel #6F2A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2A5E; -webkit-box-shadow:4px 4px  
4px 4px #6F2A5E; box-shadow:4px 4px 4px  
4px #6F2A5E }
```

# Background

The CSS property to change the background color of an element to Hex 6F2A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2A5E }
```

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

```
.background{ background-color:#6F2A5E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor