

# Converting Colors

Hex(6F2B50)

Have a look what the booklet for  
Hex(6F2B50) contains.

<b>Hex(6F2B50)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6F2B50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F2B50
RGB	111, 43, 80
RGB Percent	44%, 17%, 31%
CMY	0.5647, 0.8314, 0.6863
CMYK	0.00, 0.61, 0.28, 0.56
HSL	327°, 44%, 30%
HSV	327°, 61%, 44%
XYZ	8.8674, 5.6864, 8.2196
YIQ	67.5500, 28.6510, 25.9230

# Conversions

## Conversions Part 2

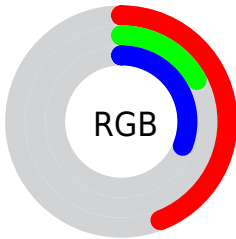
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 43, 80
Decimal	7285584
CIE Lab	28.61, 34.50, -7.62
CIE LCh	29, 35.330, 347.548
Yxy	5.6864, 0.3894, 0.2497
Android (android.graphics.Color)	4285475664 (0xFF6F2B50)
YUV	67.5500, 6.1379, 38.1057
Hunter-Lab	23.8463, 24.6454, -3.7445

# Details

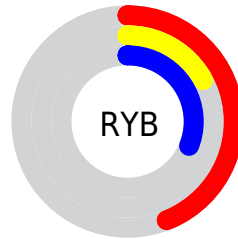
The Hex color **6F2B50** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B6F4A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A55C81**, and **3C0024** is the 20% darker color. If you saturate the color by 10%, you get **6F204B**, and if you desaturate by 10%, it is **6F3655**.

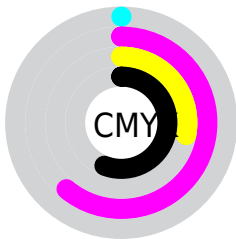
# Distribution



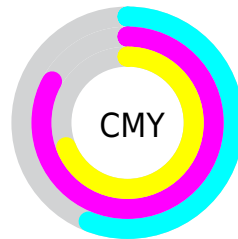
- Red (44%)
- Green (17%)
- Blue (31%)



- Red (44%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F2B50 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 6F2B50 by changing the saturation by 10% instead.



 6F2B50

 6F2B50

FFFFFF

 551239

 A55C81

 3C0024

 C1769B

 27000E

 DD90B6

 000000

 FAABD2

 FFC7EE

 FFE3FF

 6F2B50

 6F2B50

 6F204B

 6F3655

 6F1546

 6F415A

 6F0A41

 6F4C5F

 6F003C

 6F5764

 6F6369

 6F6E6E

 6F7973

 6F8478

 6F8F7E

# Harmonies

## Analogous

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



593569



6F2B50



752A35

# Triad

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



6F2B50



424708



004F6B

# Complementary

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



6F2B50



2B6F4A

# 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.



005053



6F2B50



214D1C

# Square

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



6F2B50



5B3E09



005037



004A79

# Rectangle

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



6F2B50



712F24



005037



005064



# Sweetspot

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



6F2B50



917785



4A2B6F



4A3A43



C9C9C9



4A4A4A



# Same Dimension

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



6F2B50



912660



6F2B2E



383236



780041



F70087



# Inverse Universe

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



6F2B50



912660



2B6F6C



383236



780041

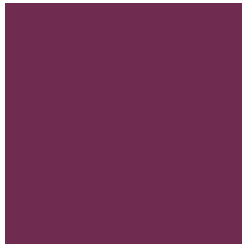


F70087



# Previews

## White Background



This preview shows how the Hex color 6F2B50 looks on a white background.

## Color Contrast Check

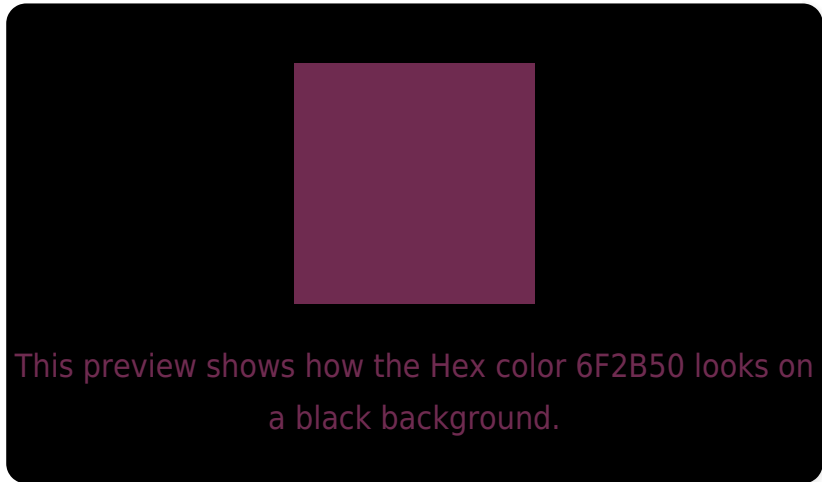
Large Text (above 18pt) WCAG AA ✓ Pass

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

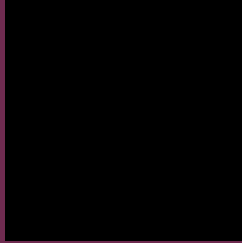
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F2B50 Background



This preview shows how black text looks on a background with the Hex color 6F2B50.



This preview shows how white text looks on a background with the Hex color 6F2B50.

# 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**  
6F2B50

**Protanopia**  
3B4361

**Deuteranopia**  
47434C



**Tritanopia**  
6D3135

# Trichromacy



**Original Color**  
6F2B50

**Protanomaly**  
4E3A5B

**Deuteranomaly**  
563A4D

**Tritanomaly**  
6E2F3F

# Monochromacy



**Original Color**  
6F2B50

**Achromatopsia**  
444444

**Achromatomaly**  
543B48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F2B50 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 #6F2B50 looks like.

```
.text, #text, p{  
    color:#6F2B50  
}
```

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 #6F2B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2B50
}
```

## Border

The CSS property to change the border of an element to Hex 6F2B50 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".

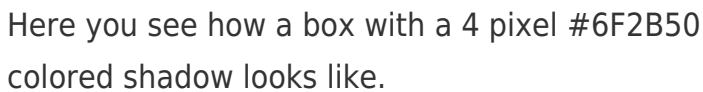
```
.border, #border, table{ border:4px solid
#6F2B50 }
```

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

```
.border{ border-color:#6F2B50 }
```

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

Here you see how a box with a 4 pixel #6F2B50 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2B50; -webkit-box-shadow:4px 4px  
4px 4px #6F2B50; box-shadow:4px 4px 4px  
4px #6F2B50 }
```

# Background

The CSS property to change the background color of an element to Hex 6F2B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2B50 }
```

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

```
.background{ background-color:#6F2B50 }
```

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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