

# Converting Colors

Hex(6F163A)

Have a look what the booklet for  
Hex(6F163A) contains.

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# Color

**Hex(6F163A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F163A
RGB	111, 22, 58
RGB Percent	44%, 9%, 23%
CMY	0.5647, 0.9137, 0.7725
CMYK	0.00, 0.80, 0.48, 0.56
HSL	336°, 67%, 26%
HSV	336°, 80%, 44%
XYZ	7.6062, 4.2588, 4.4241
YIQ	52.7150, 41.4880, 30.0640

# Conversions

## Conversions Part 2

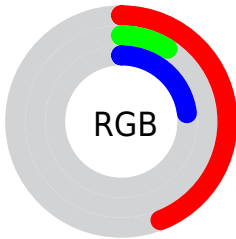
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 22, 58
Decimal	7280186
CIE Lab	24.51, 40.86, 1.09
CIE LCh	25, 40.872, 1.523
Yxy	4.2588, 0.4669, 0.2615
Android (android.graphics.Color)	4285470266 (0xFF6F163A)
YUV	52.7150, 2.6055, 51.1159
Hunter-Lab	20.6369, 29.6755, 1.7353

# Details

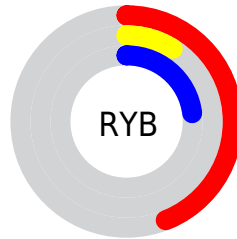
The Hex color **6F163A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **166F4B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A64B69**, and **3B000F** is the 20% darker color. If you saturate the color by 10%, you get **6F0B33**, and if you desaturate by 10%, it is **6F2141**.

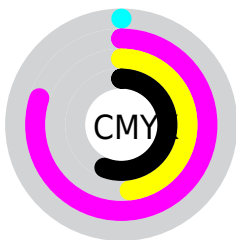
# Distribution



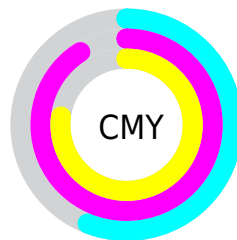
- Red (44%)
- Green (9%)
- Blue (23%)



- Red (44%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F163A 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 6F163A by changing the saturation by 10% instead.





6F163A



6F163A

FFFFFF



540025



A64B69



3B000F



C36582



1F0001



E07F9C



000000



FE9AB7



FFB5D2



FFD2EF



FFEEFF



6F163A



6F163A

■ 6F0B33

■ 6F2141

■ 6F002D

■ 6F2C47

■ 6F374E

■ 6F4254

■ 6F4E5B

■ 6F5962

■ 6F6468

■ 6F6F6F

■ 6F7A75

# Harmonies

## Analogous

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



602158



6F163A



6D1E1C

# Triad

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



6F163A



274100



004570

# Complementary

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



6F163A



166F4B

# 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.



00485A



6F163A



00461B

# Square

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



6F163A



473900



00483B



003E78

# Rectangle

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



6F163A



642808



00483B



00466A



# Sweetspot

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



6F163A



916E7D



4A166F



4A353D



C9C9C9



4A4A4A



# Same Dimension

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



6F163A



91063E



6F1D16



383235



780030



F70064



# Inverse Universe

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



6F163A



91063E



16686F



383235



780030

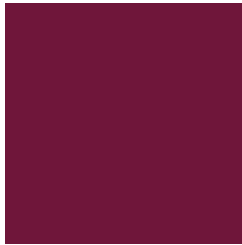


F70064



# Previews

## White Background



This preview shows how the Hex color 6F163A looks on a white background.

## Color Contrast Check

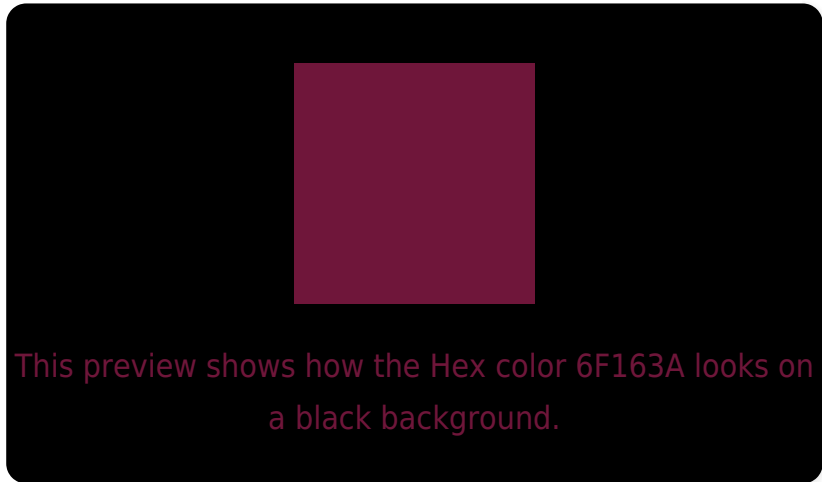
Large Text (above 18pt) WCAG AA ✓ Pass

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

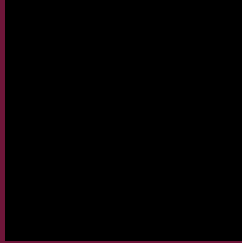
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F163A Background



This preview shows how black text looks on a background with the Hex color 6F163A.



This preview shows how white text looks on a background with the Hex color 6F163A.

# 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**  
6F163A

**Protanopia**  
373B4F

**Deuteranopia**  
443A36



# Trichromacy



**Original Color**  
6F163A

**Protanomaly**  
4B2E47

**Deuteranomaly**  
542D37

**Tritanomaly**  
6E1B29

# Monochromacy



**Original Color**  
6F163A

**Achromatopsia**  
353535

**Achromatomaly**  
4A2A37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F163A 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 #6F163A looks like.

```
.text, #text, p{  
    color:#6F163A  
}
```

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 #6F163A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F163A
}
```

## Border

The CSS property to change the border of an element to Hex 6F163A 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
#6F163A }
```

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

```
.border{ border-color:#6F163A }
```

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

Here you see how a box with a 4 pixel #6F163A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F163A; -webkit-box-shadow:4px 4px  
4px 4px #6F163A; box-shadow:4px 4px 4px  
4px #6F163A }
```

# Background

The CSS property to change the background color of an element to Hex 6F163A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F163A }
```

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

```
.background{ background-color:#6F163A }
```

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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