

# Converting Colors

Hex(68183F)

Have a look what the booklet for  
Hex(68183F) contains.

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# Color

**Hex(68183F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68183F
RGB	104, 24, 63
RGB Percent	41%, 9%, 25%
CMY	0.5922, 0.9059, 0.7529
CMYK	0.00, 0.77, 0.39, 0.59
HSL	331°, 62%, 25%
HSV	331°, 77%, 41%
XYZ	6.9328, 3.9552, 5.1007
YIQ	52.3660, 35.1610, 29.0890

# Conversions

## Conversions Part 2

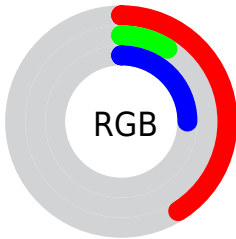
Format	Color
<b>R<sub>YB</sub></b>	104, 24, 63
Decimal	6821951
CIE Lab	23.52, 38.55, -3.95
CIE LCh	24, 38.755, 354.143
Yxy	3.9552, 0.4336, 0.2474
Android (android.graphics.Color)	4285012031 (0xFF68183F)
YUV	52.3660, 5.2426, 45.2830
Hunter-Lab	19.8877, 27.4208, -1.2849

# Details

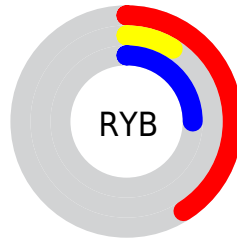
The Hex color **68183F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **186841**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9E4B6F**, and **350015** is the 20% darker color. If you saturate the color by 10%, you get **680E3A**, and if you desaturate by 10%, it is **682244**.

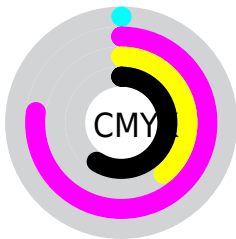
# Distribution



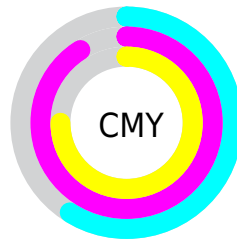
- Red (41%)
- Green (9%)
- Blue (25%)



- Red (41%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (39%)
- Black (59%)



- Cyan (59%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68183F 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 68183F by changing the saturation by 10% instead.



 68183F

 68183F

FFFFFF

 4E0029

 9E4B6F

 350015

 BA6588

 170000

 D77FA2

 000000

 F49ABD

 FF5D9

 FFD1F5

 FFEEFF

 68183F

 68183F

■ 680E3A

■ 682244

■ 680334

■ 682D4A

■ 680033

■ 68374F

■ 684254

■ 684C5A

■ 68565F

■ 686164

■ 686B6A

■ 68766F

# Harmonies

## Analogous

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



55245A



68183F



6A1B22

# Triad

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



68183F



2F3D00



004367

# Complementary

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



68183F



186841

# 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.



00454F



68183F



004213

# Square

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



68183F



4A3500



004531



003D72

# Rectangle

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



68183F



642410



004531



004460



# Sweetspot

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



68183F



876877



401868



45323B



C4C4C4



454545



# Same Dimension

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



68183F



870B47



681818



332E30



730038



F20076



# Inverse Universe

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



68183F



870B47



186868



332E30



730038

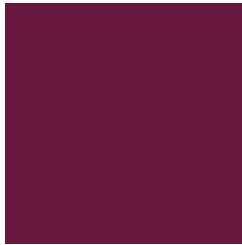


F20076



# Previews

## White Background



This preview shows how the Hex color 68183F looks on a white background.

## Color Contrast Check

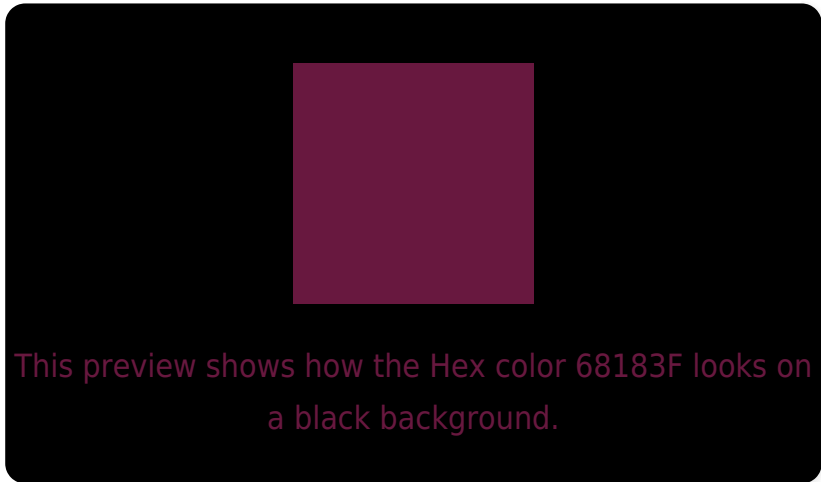
Large Text (above 18pt) WCAG AA ✓ Pass

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

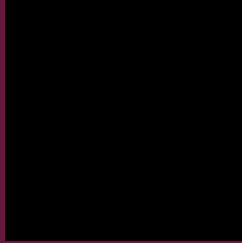
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 68183F Background



This preview shows how black text looks on a background with the Hex color 68183F.

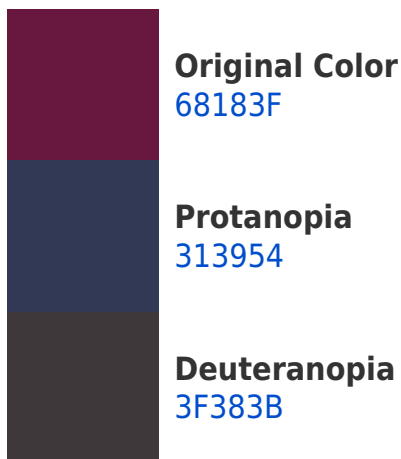


This preview shows how white text looks on a background with the Hex color 68183F.

# 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





# Trichromacy



**Original Color**  
68183F

**Protanomaly**  
452D4C

**Deuteranomaly**  
4E2C3C

**Tritanomaly**  
671D2D

# Monochromacy



**Original Color**  
68183F

**Achromatopsia**  
343434

**Achromatomaly**  
472A38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68183F 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 #68183F looks like.

```
.text, #text, p{  
    color:#68183F  
}
```

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 #68183F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68183F
}
```

## Border

The CSS property to change the border of an element to Hex 68183F is called "border". The border property can be set on classes, ids or directly on the HTML element.

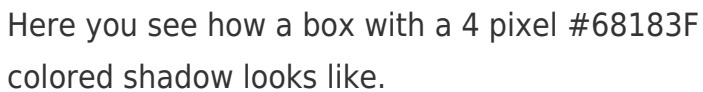
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68183F }
```

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

```
.border{ border-color:#68183F }
```

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



Here you see how a box with a 4 pixel #68183F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68183F; -webkit-box-shadow:4px 4px  
4px 4px #68183F; box-shadow:4px 4px 4px  
4px #68183F }
```

# Background

The CSS property to change the background color of an element to Hex 68183F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68183F }
```

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

```
.background{ background-color:#68183F }
```

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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