

Converting Colors

Hex(68001F)

Have a look what the booklet for
Hex(68001F) contains.

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Color

Hex(68001F)

Conversions

Conversions Part 1

Format	Color
Hex	68001F
RGB	104, 0, 31
RGB Percent	41%, 0%, 12%
CMY	0.5922, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.70, 0.59
HSL	342°, 100%, 20%
HSV	342°, 100%, 41%
XYZ	5.9562, 3.0420, 1.5696
YIQ	34.6300, 52.0330, 31.6890

Conversions

Conversions Part 2

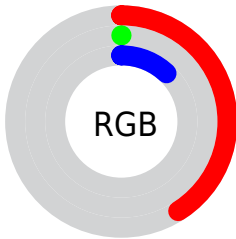
Format	Color
RYB	104, 0, 31
Decimal	6815775
CIELab	20.21, 42.52, 13.76
CIElCh	20, 44.689, 17.931
Yxy	3.0420, 0.5636, 0.2879
Android (android.graphics.Color)	4285005855 (0xFF68001F)
YUV	34.6300, -1.7896, 60.8375
Hunter-Lab	17.4413, 30.4359, 6.8733

Details

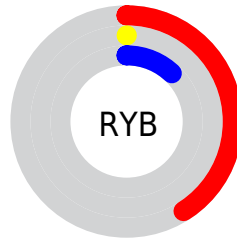
The Hex color **68001F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006849**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A13D4A**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **68001F**, and if you desaturate by 10%, it is **680A26**.

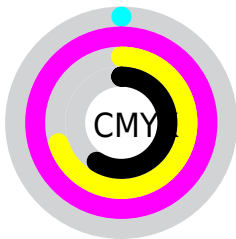
Distribution



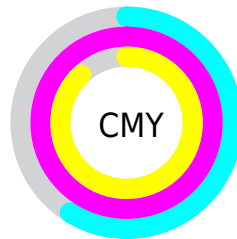
- Red (41%)
- Green (0%)
- Blue (12%)



- Red (41%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68001F 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 68001F by changing the saturation by 10% instead.

 68001F

 68001F


 FFFCFF

 4D0007

 A13D4A

 340002

 BE5762

 010000

 DB717B

 000000

 FA8C95

 FFA7AF

 FFC3CB

 FFDFE7

 68001F

 680A26

 68152E

 681F35

 682A3C

 683443

 683E4B

 684952

 685359

 685E61

Harmonies

Analogous

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



63013F



68001F



5E1900

Triad

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



68001F



003B00



003972

Complementary

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



68001F



006849

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.



003D61



68001F



003E22

Square

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



68001F



2B3500



003E44



002E70

Rectangle

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



68001F



502600



003E44



003B6E

Sweetspot

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



68001F



875F6B



490068



452C33



C4C4C4



454545

Same Dimension

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



68001F



870028



681500



332E2F



730022



F20048

Inverse Universe

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



68001F



870028



005368



332E2F



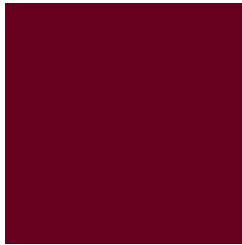
730022



F20048

Previews

White Background



This preview shows how the Hex color 68001F looks on a white background.

Color Contrast Check

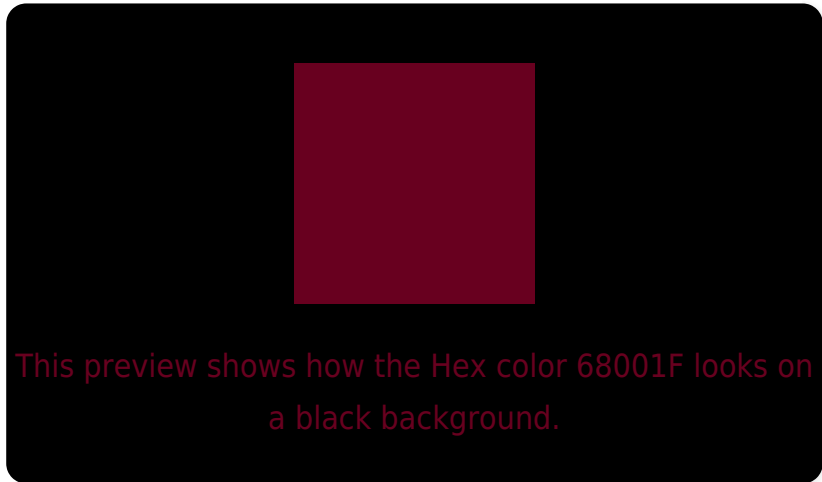
Large Text (above 18pt) WCAG AA ✓ Pass

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 68001F Background



This preview shows how black text looks on a background with the Hex color 68001F.



This preview shows how white text looks on a background with the Hex color 68001F.

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
68001F

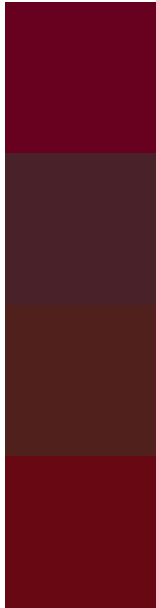
Protanopia
38352E

Deuteranopia
41321A



Tritanopia
680D0A

Trichromacy



Original Color
68001F

Protanomaly
492229

Deuteranomaly
4F201C

Tritanomaly
680812

Monochromacy



Original Color
68001F

Achromatopsia
232323

Achromatomaly
3C1622

CSS Examples

Text

The CSS property to change the color of the text to Hex 68001F 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 #68001F looks like.

```
.text, #text, p{  
    color:#68001F  
}
```

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 #68001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68001F
}
```

Border

The CSS property to change the border of an element to Hex 68001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

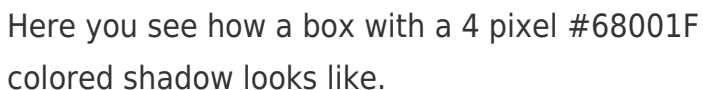
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68001F }
```

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

```
.border{ border-color:#68001F }
```

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



Here you see how a box with a 4 pixel #68001F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68001F; -webkit-box-shadow:4px 4px  
4px 4px #68001F; box-shadow:4px 4px 4px  
4px #68001F }
```

Background

The CSS property to change the background color of an element to Hex 68001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68001F }
```

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

```
.background{ background-color:#68001F }
```

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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