

Converting Colors

Hex(6D051F)

Have a look what the booklet for
Hex(6D051F) contains.

Hex(6D051F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D051F)

Conversions

Conversions Part 1

Format	Color
Hex	6D051F
RGB	109, 5, 31
RGB Percent	43%, 2%, 12%
CMY	0.5725, 0.9804, 0.8784
CMYK	0.00, 0.95, 0.72, 0.57
HSL	345°, 91%, 22%
HSV	345°, 95%, 43%
XYZ	6.6083, 3.4587, 1.6156
YIQ	39.0600, 53.6380, 30.1340

Conversions

Conversions Part 2

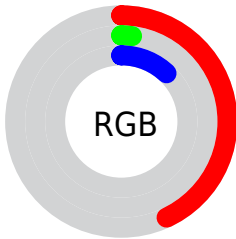
Format	Color
RYB	109, 5, 31
Decimal	7144735
CIELab	21.79, 42.69, 16.02
CIELCh	22, 45.597, 20.565
Yxy	3.4587, 0.5657, 0.2961
Android (android.graphics.Color)	4285334815 (0xFF6D051F)
YUV	39.0600, -3.9736, 61.3374
Hunter-Lab	18.5975, 30.8808, 7.8676

Details

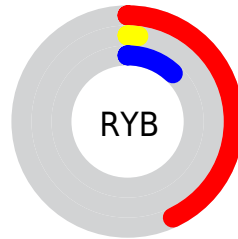
The Hex color **6D051F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **056D53**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A6414B**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6D001B**, and if you desaturate by 10%, it is **6D1027**.

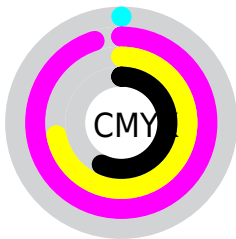
Distribution



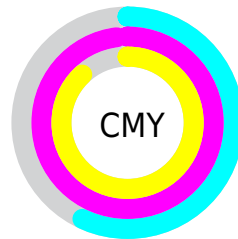
- Red (43%)
- Green (2%)
- Blue (12%)



- Red (43%)
- Yellow (2%)
- Blue (12%)



- Cyan (0%)
- Magenta (95%)
- Yellow (72%)
- Black (57%)



- Cyan (57%)
- Magenta (98%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D051F 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 6D051F by changing the saturation by 10% instead.

 6D051F

 6D051F

FFFFFF

 510007

 A6414B

 380001

 C45B62

 110000

 E1757B

 000000

 FF9095

 FFABAF

 FFC7CB

 FFE4E7

 6D051F

 6D051F

■ 6D001B

■ 6D1027

■ 6D1B2F

■ 6D2638

■ 6D3140

■ 6D3B48

■ 6D4650

■ 6D5158

■ 6D5C60

■ 6D6769

Harmonies

Analogous

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



690340



6D051F



611E00

Triad

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



6D051F



003F01



003C78

Complementary

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



6D051F



056D53

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.



004168



6D051F



004228

Square

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



6D051F



2C3900



00424B



093074

Rectangle

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



6D051F



532A00



00424B



003E75

Sweetspot

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



6D051F



8F6570



53056D



472E35



C7C7C7



474747

Same Dimension

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



6D051F



8F0024



6D1F05



363032



75001D



F5003D

Inverse Universe

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



6D051F



8F0024



05536D



363032



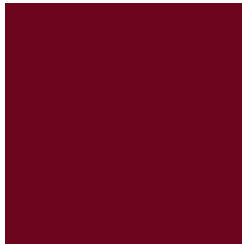
75001D



F5003D

Previews

White Background



This preview shows how the Hex color 6D051F looks on a white background.

Color Contrast Check

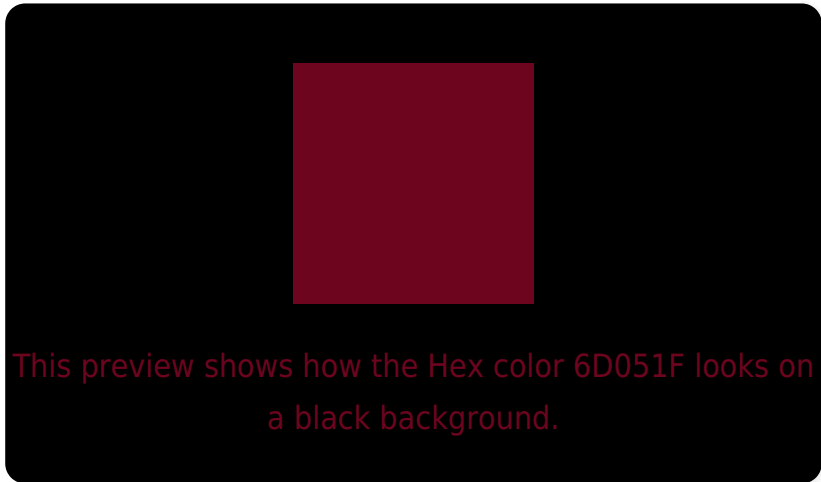
Large Text (above 18pt) WCAG AA ✓ Pass

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

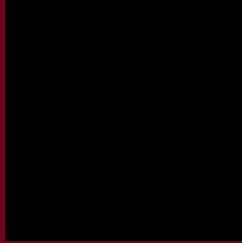
Any Text WCAG AA × Fail

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 6D051F Background



This preview shows how black text looks on a background with the Hex color 6D051F.



This preview shows how white text looks on a background with the Hex color 6D051F.

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
6D051F

Protanopia
3B372E

Deuteranopia
45351A



Tritanopia
6D0D0B

Trichromacy



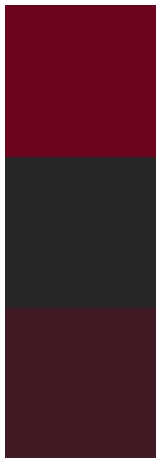
Original Color
6D051F

Protanomaly
4D2529

Deuteranomaly
54241C

Tritanomaly
6D0A12

Monochromacy



Original Color
6D051F

Achromatopsia
272727

Achromatomaly
401B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D051F 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 #6D051F looks like.

```
.text, #text, p{  
    color:#6D051F  
}
```

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 #6D051F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D051F
}
```

Border

The CSS property to change the border of an element to Hex 6D051F is called "border". The border property can be set on classes, ids or directly on the HTML element.

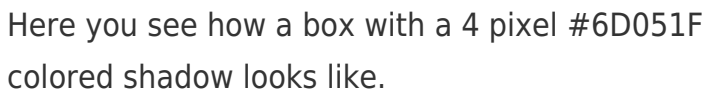
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D051F }
```

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

```
.border{ border-color:#6D051F }
```

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



Here you see how a box with a 4 pixel #6D051F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D051F; -webkit-box-shadow:4px 4px  
4px 4px #6D051F; box-shadow:4px 4px 4px  
4px #6D051F }
```

Background

The CSS property to change the background color of an element to Hex 6D051F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D051F }
```

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

```
.background{ background-color:#6D051F }
```

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