

# Converting Colors

Hex(76041F)

Have a look what the booklet for  
Hex(76041F) contains.

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# Color

**Hex(76041F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76041F
RGB	118, 4, 31
RGB Percent	46%, 2%, 12%
CMY	0.5373, 0.9843, 0.8784
CMYK	0.00, 0.97, 0.74, 0.54
HSL	346°, 93%, 24%
HSV	346°, 97%, 46%
XYZ	7.7620, 4.0373, 1.6665
YIQ	41.1640, 59.2770, 32.5650

# Conversions

## Conversions Part 2

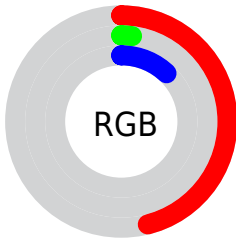
Format	Color
<a href="#">RYB</a>	118, 4, 31
Decimal	7734303
CIELab	23.79, 45.40, 18.95
CIELCh	24, 49.197, 22.660
Yxy	4.0373, 0.5764, 0.2998
Android (android.graphics.Color)	4285924383 (0xFF76041F)
YUV	41.1640, -5.0109, 67.3852
Hunter-Lab	20.0931, 33.7917, 9.1477

# Details

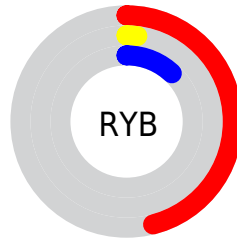
The Hex color **76041F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **04765B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **B0424B**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **76001C**, and if you desaturate by 10%, it is **761028**.

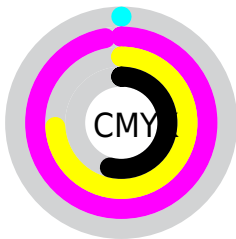
# Distribution



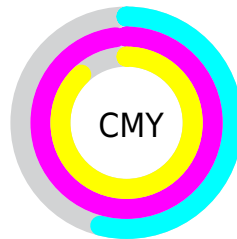
- Red (46%)
- Green (2%)
- Blue (12%)



- Red (46%)
- Yellow (2%)
- Blue (12%)



- Cyan (0%)
- Magenta (97%)
- Yellow (74%)
- Black (54%)



- Cyan (54%)
- Magenta (98%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76041F 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 76041F by changing the saturation by 10% instead.



 76041F

 76041F

FFFFFF

 5A0008

 B0424B

 3E0000

 CE5D62

 200001

 EC777B

 000000

 FF9295

 FFAEB0

 FFCACB

 FFE7E7

 76041F

 76041F

■ 76001C

■ 761028

■ 761C31

■ 76273A

■ 763343

■ 763F4C

■ 764B55

■ 76575E

■ 766267

■ 766E70

# Harmonies

## Analogous

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



730043



76041F



682200

# Triad

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



76041F



004503



004083

# Complementary

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



76041F



04765B

# 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.



004673



76041F



00472E

# Square

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



76041F



2C3F00



004854



15337E

# Rectangle

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



76041F



582F00



004854



004380



# Sweetspot

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



76041F



996D77



5A0476



4D3238



CCCCCC



4D4D4D



# Same Dimension

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



76041F



990024



762104



3B3536



7A001D



FA003B



# Inverse Universe

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



76041F



990024



045A76



3B3536



7A001D

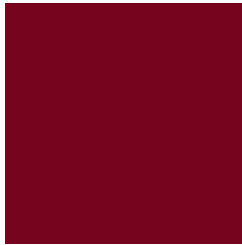


FA003B



# Previews

## White Background



This preview shows how the Hex color 76041F looks on a white background.

## Color Contrast Check

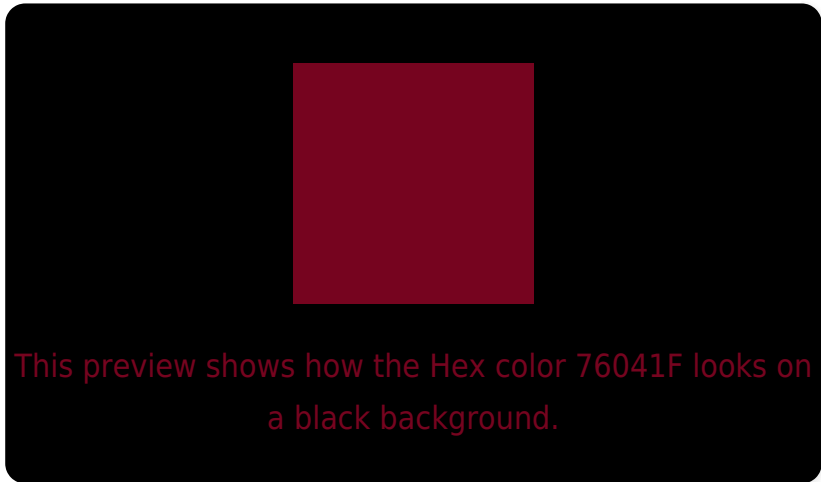
Large Text (above 18pt) WCAG AA ✓ Pass

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

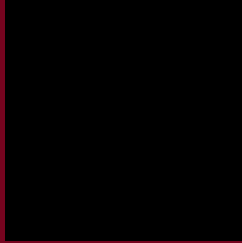
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76041F Background



This preview shows how black text looks on a background with the Hex color 76041F.



This preview shows how white text looks on a background with the Hex color 76041F.

# 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**  
76041F

**Protanopia**  
403C2E

**Deuteranopia**  
4B3919



**Tritanopia**  
760D0A

# Trichromacy



**Original Color**  
76041F

**Protanomaly**  
542829

**Deuteranomaly**  
5B261B

**Tritanomaly**  
760A12

# Monochromacy



**Original Color**  
76041F

**Achromatopsia**  
292929

**Achromatomaly**  
451C25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76041F 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 #76041F looks like.

```
.text, #text, p{  
    color:#76041F  
}
```

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 #76041F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76041F
}
```

## Border

The CSS property to change the border of an element to Hex 76041F 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
#76041F }
```

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

```
.border{ border-color:#76041F }
```

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

Here you see how a box with a 4 pixel #76041F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76041F; -webkit-box-shadow:4px 4px  
4px 4px #76041F; box-shadow:4px 4px 4px  
4px #76041F }
```

# Background

The CSS property to change the background color of an element to Hex 76041F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76041F }
```

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

```
.background{ background-color:#76041F }
```

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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