

Converting Colors

Hex(76602F)

Have a look what the booklet for
Hex(76602F) contains.

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Color

Hex(76602F)

Conversions

Conversions Part 1

Format	Color
Hex	76602F
RGB	118, 96, 47
RGB Percent	46%, 38%, 18%
CMY	0.5373, 0.6235, 0.8157
CMYK	0.00, 0.19, 0.60, 0.54
HSL	41°, 43%, 32%
HSV	41°, 60%, 46%
XYZ	12.1672, 12.4225, 4.4458
YIQ	96.9920, 28.8410, -10.5750

Conversions

Conversions Part 2

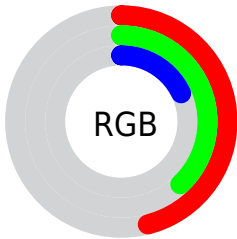
Format	Color
R_{YB}	79, 118, 47
Decimal	7757871
CIE _{Lab}	41.88, 2.51, 30.92
CIE _{LCh}	42, 31.025, 85.360
Yxy	12.4225, 0.4190, 0.4278
Android (android.graphics.Color)	4285947951 (0xFF76602F)
YUV	96.9920, -24.6461, 18.4240
Hunter-Lab	35.2456, -0.0596, 17.1932

Details

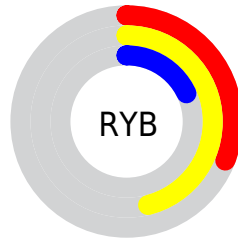
The Hex color **76602F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F4576**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AC925F**, and **433200** is the 20% darker color. If you saturate the color by 10%, you get **765C23**, and if you desaturate by 10%, it is **76643B**.

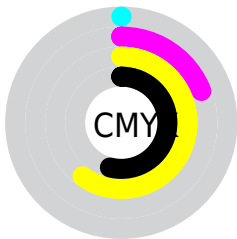
Distribution



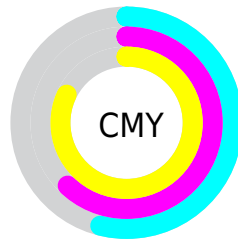
- Red (46%)
- Green (38%)
- Blue (18%)



- Red (31%)
- Yellow (46%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (60%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76602F 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 76602F by changing the saturation by 10% instead.

 76602F

 76602F

FFFFFF

 5C4818

 AC925F

 433200

 C8AD78

 2B1D00

 E5C892

 100500

 FFE4AD

 000000

 FFFFC8

 FFFFE4

 76602F

 76602F

 765C23

 76643B

■ 765917

■ 766747

■ 76550C

■ 766B52

■ 765100

■ 766F5E

■ 76726A

■ 767676

■ 767A82

■ 767D8D

■ 768199

Harmonies

Analogous

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



89573A



76602F



5D6833

Triad

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



76602F



007078



7F5480

Complementary

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



76602F



2F4576

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.



5F5E91



76602F



006D8C

Square

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



76602F



0C705E



2F6795



904E68

Rectangle

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



76602F



496C3E



2F6795



765787

Sweetspot

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



76602F



99907D



762F45



4D473C



CCCCCC



4D4D4D

Same Dimension

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



76602F



99772B



69762F



3B3935



7A5400



FAAC00

Inverse Universe

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



2F4576



2B4D99



3C2F76



35373B



00267A



004DFA

Previews

White Background



This preview shows how the Hex color 76602F looks on a white background.

Color Contrast Check

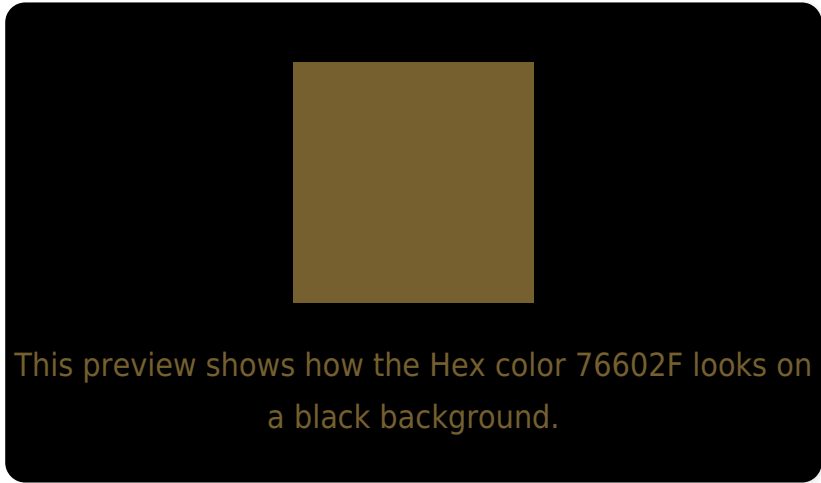
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

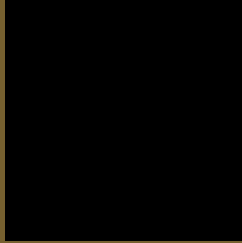
Any Text WCAG AA × Fail

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 76602F Background



This preview shows how black text looks on a background with the Hex color 76602F.



This preview shows how white text looks on a background with the Hex color 76602F.

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


76602F

Protanopia

6E6330

Deuteranopia

7A5E2F



Tritanopia
7A5A61

Trichromacy



Original Color
76602F

Protanomaly
716230

Deuteranomaly
795F2F

Tritanomaly
795C4F

Monochromacy



Original Color
76602F

Achromatopsia
616161

Achromatomaly
69614F

CSS Examples

Text

The CSS property to change the color of the text to Hex 76602F 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 #76602F looks like.

```
.text, #text, p{  
    color:#76602F  
}
```

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 #76602F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76602F
}
```

Border

The CSS property to change the border of an element to Hex 76602F is called "border". The border property can be set on classes, ids or directly on the HTML element.

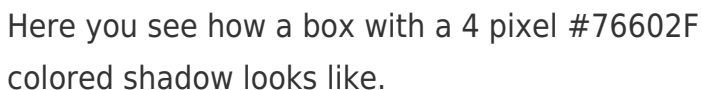
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76602F }
```

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

```
.border{ border-color:#76602F }
```

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



Here you see how a box with a 4 pixel #76602F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76602F; -webkit-box-shadow:4px 4px  
4px 4px #76602F; box-shadow:4px 4px 4px  
4px #76602F }
```

Background

The CSS property to change the background color of an element to Hex 76602F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76602F }
```

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

```
.background{ background-color:#76602F }
```

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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