

Converting Colors

Hex(6D451F)

Have a look what the booklet for
Hex(6D451F) contains.

Hex(6D451F)	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(6D451F)

Conversions

Conversions Part 1

Format	Color
Hex	6D451F
RGB	109, 69, 31
RGB Percent	43%, 27%, 12%
CMY	0.5725, 0.7294, 0.8784
CMYK	0.00, 0.37, 0.72, 0.57
HSL	29°, 56%, 27%
HSV	29°, 72%, 43%
XYZ	8.6821, 7.6064, 2.3069
YIQ	76.6280, 36.0380, -3.3380

Conversions

Conversions Part 2

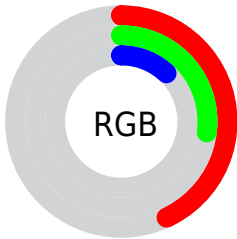
Format	Color
RYB	109, 105, 31
Decimal	7161119
CIELab	33.15, 13.33, 29.40
CIELCh	33, 32.280, 65.608
Yxy	7.6064, 0.4669, 0.4090
Android (android.graphics.Color)	4285351199 (0xFF6D451F)
YUV	76.6280, -22.4946, 28.3902
Hunter-Lab	27.5797, 7.9276, 14.3465

Details

The Hex color **6D451F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1F476D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A4754D**, and **3A1900** is the 20% darker color. If you saturate the color by 10%, you get **6D3F14**, and if you desaturate by 10%, it is **6D4B2A**.

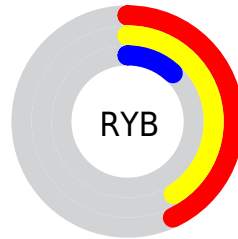
Distribution



Red (43%)

Green (27%)

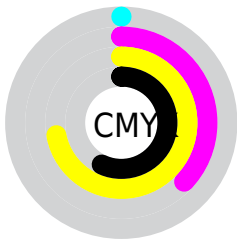
Blue (12%)



Red (43%)

Yellow (41%)

Blue (12%)

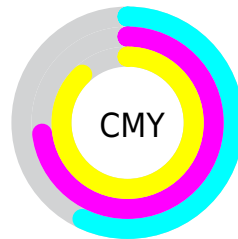


Cyan (0%)

Magenta (37%)

Yellow (72%)

Black (57%)



Cyan (57%)

Magenta (73%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D451F 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 6D451F by changing the saturation by 10% instead.



6D451F



6D451F

FFFFFF



532F08



A4754D



3A1900



C08F65



220100



DDA97E



000000



FAC599



FFE1B4



FFFDCF



FFF FEC



6D451F



6D451F

■ 6D3F14

■ 6D4B2A

■ 6D3A09

■ 6D5035

■ 6D3500

■ 6D5640

■ 6D5B4B

■ 6D6156

■ 6D6760

■ 6D6C6B

■ 6D7276

■ 6D7781

Harmonies

Analogous

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



7A3C32



6D451F



584E18

Triad

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



6D451F



005B52



564578

Complementary

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



6D451F



1F476D

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.



264F81



6D451F



005A6B

Square

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



6D451F



165938



00567C



713C64

Rectangle

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



6D451F



47531D



00567C



49497C

Sweetspot

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



6D451F



8F7F71



6D1F47



473E36



C7C7C7



474747

Same Dimension

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



6D451F



8F5014



6D6C1F



363330



753900



F57700

Inverse Universe

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



1F476D



14538F



1F206D



303336



003C75



007EF5

Previews

White Background



This preview shows how the Hex color 6D451F looks on a white background.

Color Contrast Check

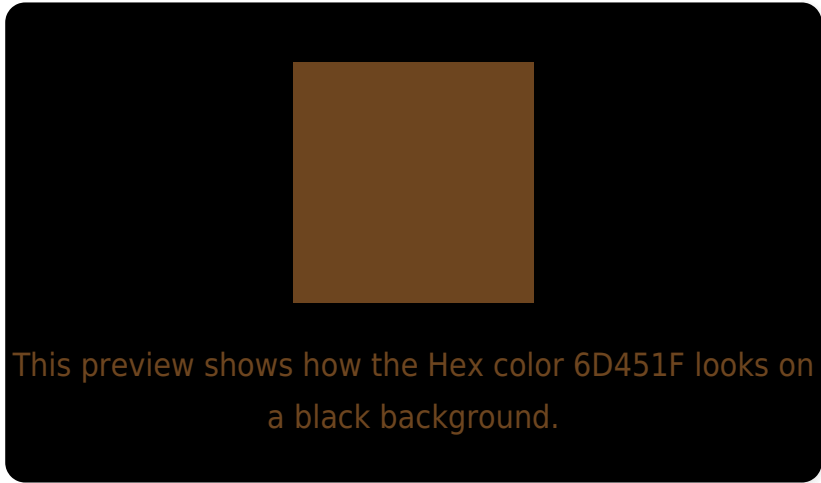
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D451F Background



This preview shows how black text looks on a background with the Hex color 6D451F.



This preview shows how white text looks on a background with the Hex color 6D451F.

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
6D451F

Protanopia
574F22

Deuteranopia
624B1D



Tritanopia
6F4146

Trichromacy



Original Color
6D451F

Protanomaly
5F4B21

Deuteranomaly
66491E

Tritanomaly
6E4238

Monochromacy



Original Color
6D451F

Achromatopsia
4D4D4D

Achromatomaly
594A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D451F 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 #6D451F looks like.

```
.text, #text, p{  
    color:#6D451F  
}
```

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 #6D451F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D451F
}
```

Border

The CSS property to change the border of an element to Hex 6D451F is called "border". The border property can be set on classes, ids or directly on the HTML element.

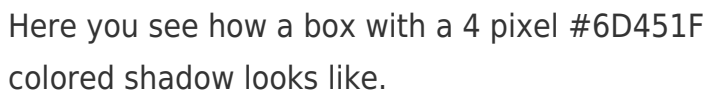
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D451F }
```

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

```
.border{ border-color:#6D451F }
```

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



Here you see how a box with a 4 pixel #6D451F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D451F; -webkit-box-shadow:4px 4px  
4px 4px #6D451F; box-shadow:4px 4px 4px  
4px #6D451F }
```

Background

The CSS property to change the background color of an element to Hex 6D451F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D451F }
```

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

```
.background{ background-color:#6D451F }
```

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