

Converting Colors

Hex(66221F)

Have a look what the booklet for
Hex(66221F) contains.

Hex(66221F)	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(66221F)

Conversions

Conversions Part 1

Format	Color
Hex	66221F
RGB	102, 34, 31
RGB Percent	40%, 13%, 12%
CMY	0.6000, 0.8667, 0.8784
CMYK	0.00, 0.67, 0.70, 0.60
HSL	3°, 53%, 26%
HSV	3°, 70%, 40%
XYZ	6.2988, 4.0678, 1.7495
YIQ	53.9900, 41.4910, 13.4830

Conversions

Conversions Part 2

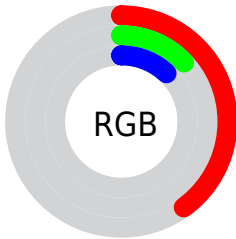
Format	Color
R_{YB}	102, 34, 31
Decimal	6693407
CIE Lab	23.89, 30.38, 18.32
CIE LCh	24, 35.474, 31.085
Yxy	4.0678, 0.5199, 0.3357
Android (android.graphics.Color)	4284883487 (0xFF66221F)
YUV	53.9900, -11.3341, 42.1048
Hunter-Lab	20.1687, 20.4517, 8.9751

Details

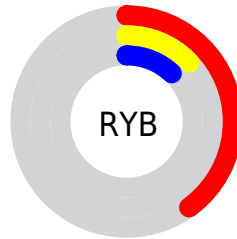
The Hex color **66221F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F6366**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9D524B**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **661815**, and if you desaturate by 10%, it is **662C29**.

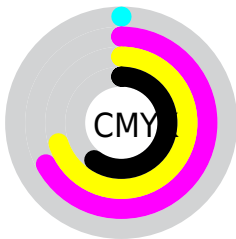
Distribution



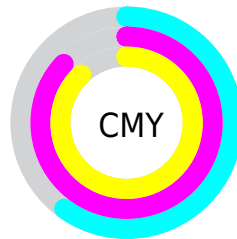
- Red (40%)
- Green (13%)
- Blue (12%)



- Red (40%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66221F 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 66221F by changing the saturation by 10% instead.



66221F



66221F

FFFFFF



4B0808



9D524B



320000



BA6B63



0B0000



D7857C



000000



F5A096



FFBBB0



FFD7CC



FFF4E8



66221F



66221F

■ 661815

■ 662C29

■ 660E0B

■ 663633

■ 660500

■ 663F3E

■ 660400

■ 664948

■ 665352

■ 665D5C

■ 666666

■ 667071

■ 667A7B

Harmonies

Analogous

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



671D39



66221F



592D07

Triad

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



66221F



00431E



003C6E

Complementary

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



66221F



1F6366

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.



004267



66221F



004539

Square

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



66221F



2A3F04



004554



393167

Rectangle

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



66221F



4C3500



004554



003E6E

Sweetspot

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



66221F



856A69



661F64



423232



C2C2C2



424242

Same Dimension

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



66221F



851A15



66451F



332E2E



730500



F20A00

Inverse Universe

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



1F6366



158085



1F4066



2E3333



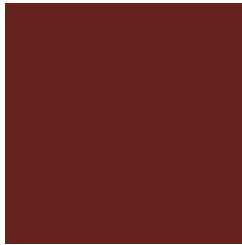
006E73



00E8F2

Previews

White Background



This preview shows how the Hex color 66221F looks on a white background.

Color Contrast Check

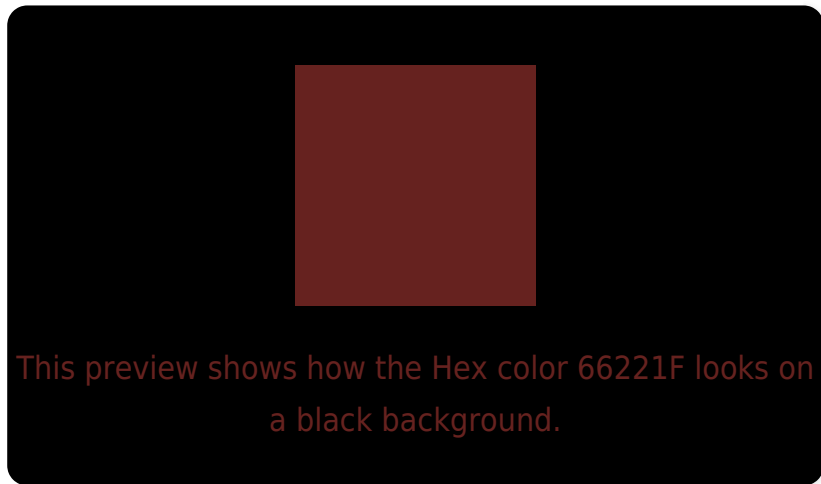
Large Text (above 18pt) WCAG AA ✓ Pass

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 66221F Background



This preview shows how black text looks on a background with the Hex color 66221F.



This preview shows how white text looks on a background with the Hex color 66221F.

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
66221F

Protanopia
3F3A28

Deuteranopia
48371B

Trichromacy



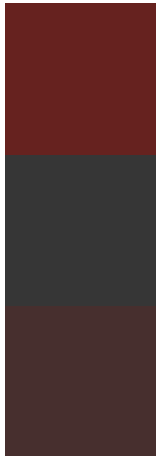
Original Color
66221F

Protanomaly
4D3125

Deuteranomaly
532F1C

Tritanomaly
662122

Monochromacy



Original Color
66221F

Achromatopsia
363636

Achromatomaly
472F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 66221F 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 #66221F looks like.

```
.text, #text, p{  
    color:#66221F  
}
```

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 #66221F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66221F
}
```

Border

The CSS property to change the border of an element to Hex 66221F is called "border". The border property can be set on classes, ids or directly on the HTML element.

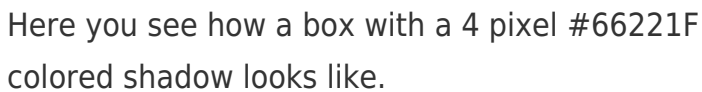
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66221F }
```

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

```
.border{ border-color:#66221F }
```

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



Here you see how a box with a 4 pixel #66221F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66221F; -webkit-box-shadow:4px 4px  
4px 4px #66221F; box-shadow:4px 4px 4px  
4px #66221F }
```

Background

The CSS property to change the background color of an element to Hex 66221F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66221F }
```

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

```
.background{ background-color:#66221F }
```

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