

Converting Colors

Hex(66171F)

Have a look what the booklet for
Hex(66171F) contains.

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Color

Hex(66171F)

Conversions

Conversions Part 1

Format	Color
Hex	66171F
RGB	102, 23, 31
RGB Percent	40%, 9%, 12%
CMY	0.6000, 0.9098, 0.8784
CMYK	0.00, 0.77, 0.70, 0.60
HSL	354°, 63%, 25%
HSV	354°, 77%, 40%
XYZ	6.0332, 3.5365, 1.6610
YIQ	47.5330, 44.5160, 19.2360

Conversions

Conversions Part 2

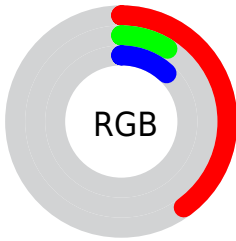
Format	Color
RYB	102, 23, 31
Decimal	6690591
CIELab	22.08, 35.33, 16.05
CIElCh	22, 38.806, 24.425
Yxy	3.5365, 0.5372, 0.3149
Android (android.graphics.Color)	4284880671 (0xFF66171F)
YUV	47.5330, -8.1508, 47.7676
Hunter-Lab	18.8056, 24.3566, 7.9273

Details

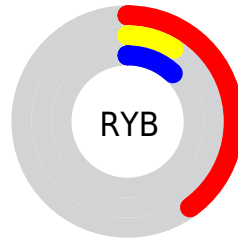
The Hex color **66171F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **17665E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9E494B**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **660D16**, and if you desaturate by 10%, it is **662128**.

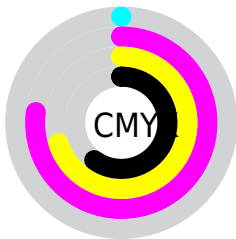
Distribution



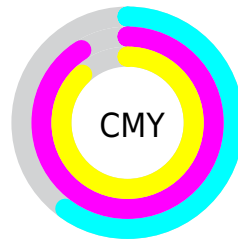
- Red (40%)
- Green (9%)
- Blue (12%)



- Red (40%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (77%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66171F 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 66171F by changing the saturation by 10% instead.

66171F

66171F

FFFFFF

4B0007

9E494B

320000

BB6263

030000

D87C7B

000000

F69795

FFB2B0

FFCECB

FFEBE7

66171F

66171F

■ 660D16

■ 662128

■ 66030D

■ 662B31

■ 66000A

■ 66363B

■ 664044

■ 664A4D

■ 665456

■ 665E5F

■ 666968

■ 667372

Harmonies

Analogous

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



64143B



66171F



5B2501

Triad

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



66171F



003F10



003A6F

Complementary

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



66171F



17665E

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.



004064



66171F



00412E

Square

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



66171F



2C3A00



00424C



27306A

Rectangle

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



66171F



4E2E00



00424C



003C6D

Sweetspot

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



66171F



856669



5D1766



423032



C2C2C2



424242

Same Dimension

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



66171F



850916



663517



332E2E



73000C



F20019

Inverse Universe

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



66171F



850916



174866



332E2E



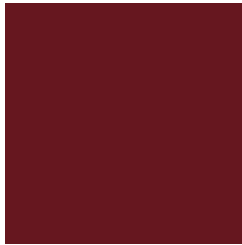
73000C



F20019

Previews

White Background



This preview shows how the Hex color 66171F 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 66171F Background



This preview shows how black text looks on a background with the Hex color 66171F.



This preview shows how white text looks on a background with the Hex color 66171F.

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
66171F

Protanopia
3A372B

Deuteranopia
43341B



Tritanopia
661819

Trichromacy



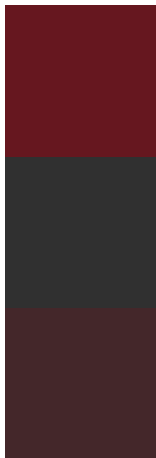
Original Color
66171F

Protanomaly
4A2B27

Deuteranomaly
50291C

Tritanomaly
66181B

Monochromacy



Original Color
66171F

Achromatopsia
303030

Achromatomaly
44272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 66171F 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 #66171F looks like.

```
.text, #text, p{  
    color:#66171F  
}
```

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 #66171F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66171F
}
```

Border

The CSS property to change the border of an element to Hex 66171F is called "border". The border property can be set on classes, ids or directly on the HTML element.

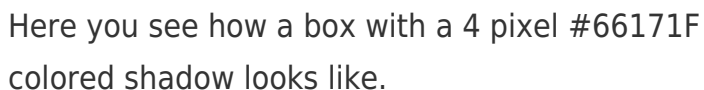
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66171F }
```

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

```
.border{ border-color:#66171F }
```

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



Here you see how a box with a 4 pixel #66171F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66171F; -webkit-box-shadow:4px 4px  
4px 4px #66171F; box-shadow:4px 4px 4px  
4px #66171F }
```

Background

The CSS property to change the background color of an element to Hex 66171F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66171F }
```

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

```
.background{ background-color:#66171F }
```

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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