

Converting Colors

Hex(6B171F)

Have a look what the booklet for
Hex(6B171F) contains.

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Color

Hex(6B171F)

Conversions

Conversions Part 1

Format	Color
Hex	6B171F
RGB	107, 23, 31
RGB Percent	42%, 9%, 12%
CMY	0.5804, 0.9098, 0.8784
CMYK	0.00, 0.79, 0.71, 0.58
HSL	354°, 65%, 25%
HSV	354°, 79%, 42%
XYZ	6.6171, 3.8375, 1.6883
YIQ	49.0280, 47.4960, 20.2960

Conversions

Conversions Part 2

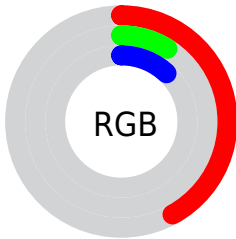
Format	Color
RYB	107, 23, 31
Decimal	7018271
CIELab	23.13, 37.04, 17.59
CIELCh	23, 41.004, 25.400
Yxy	3.8375, 0.5449, 0.3160
Android (android.graphics.Color)	4285208351 (0xFF6B171F)
YUV	49.0280, -8.8878, 50.8414
Hunter-Lab	19.5896, 26.0133, 8.6030

Details

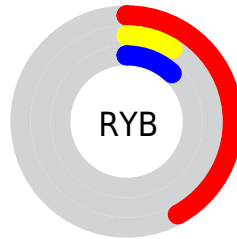
The Hex color **6B171F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **176B63**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A34A4B**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6B0C15**, and if you desaturate by 10%, it is **6B2229**.

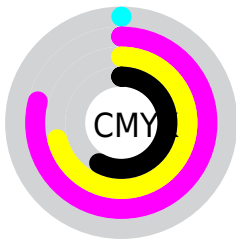
Distribution



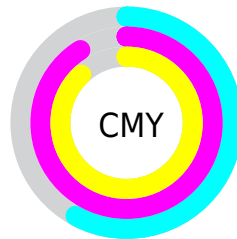
- Red (42%)
- Green (9%)
- Blue (12%)



- Red (42%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (79%)
- Yellow (71%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B171F 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 6B171F by changing the saturation by 10% instead.

 6B171F

 6B171F

FFFFFF

 500008

 A34A4B

 360000

 C06363

 120000

 DE7D7B

 000000

 FC9895

 FFB3B0

 FFCFCB

 FFECE7

 6B171F

 6B171F

■ 6B0C15

■ 6B2229

■ 6B020C

■ 6B2C32

■ 6B000A

■ 6B373C

■ 6B4246

■ 6B4D4F

■ 6B5759

■ 6B6263

■ 6B6D6C

■ 6B7776

Harmonies

Analogous

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



6A123D



6B171F



5E2700

Triad

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



6B171F



004211



003C75

Complementary

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



6B171F



176B63

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.



004269



6B171F



004431

Square

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



6B171F



2C3D00



004551



2A316F

Rectangle

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



6B171F



513000



004551



003F73

Sweetspot

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



6B171F



8C6B6E



63176B



473335



C7C7C7



474747

Same Dimension

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



6B171F



8C0815



6B3917



363031



75000B



F50017

Inverse Universe

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



6B171F



8C0815



17496B



363031



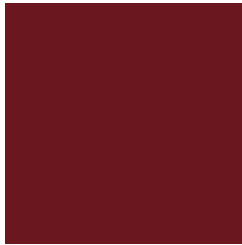
75000B



F50017

Previews

White Background



This preview shows how the Hex color 6B171F looks on a white background.

Color Contrast Check

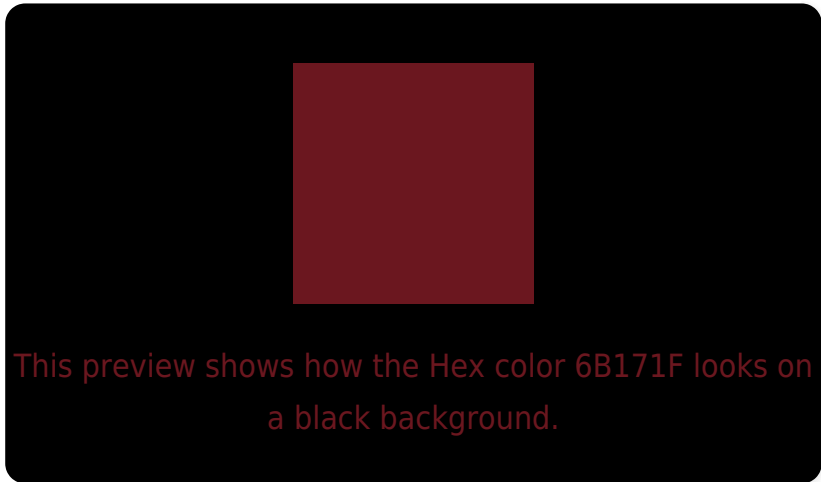
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B171F Background



This preview shows how black text looks on a background with the Hex color 6B171F.

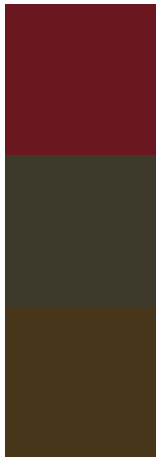


This preview shows how white text looks on a background with the Hex color 6B171F.

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
6B171F

Protanopia
3D392B

Deuteranopia
47361A



Tritanopia
6B1819

Trichromacy



Original Color
6B171F

Protanomaly
4E2D27

Deuteranomaly
542B1C

Tritanomaly
6B181B

Monochromacy



Original Color
6B171F

Achromatopsia
313131

Achromatomaly
46282A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B171F 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 #6B171F looks like.

```
.text, #text, p{  
    color:#6B171F  
}
```

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 #6B171F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B171F
}
```

Border

The CSS property to change the border of an element to Hex 6B171F is called "border". The border property can be set on classes, ids or directly on the HTML element.

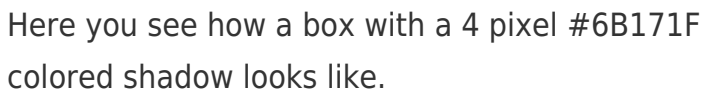
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B171F }
```

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

```
.border{ border-color:#6B171F }
```

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



Here you see how a box with a 4 pixel #6B171F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B171F; -webkit-box-shadow:4px 4px  
4px 4px #6B171F; box-shadow:4px 4px 4px  
4px #6B171F }
```

Background

The CSS property to change the background color of an element to Hex 6B171F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B171F }
```

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

```
.background{ background-color:#6B171F }
```

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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