

Converting Colors

Hex(6E021F)

Have a look what the booklet for
Hex(6E021F) contains.

Hex(6E021F)	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(6E021F)

Conversions

Conversions Part 1

Format	Color
Hex	6E021F
RGB	110, 2, 31
RGB Percent	43%, 1%, 12%
CMY	0.5686, 0.9922, 0.8784
CMYK	0.00, 0.98, 0.72, 0.57
HSL	344°, 96%, 22%
HSV	344°, 98%, 43%
XYZ	6.6994, 3.4573, 1.6106
YIQ	37.5980, 55.0590, 31.9150

Conversions

Conversions Part 2

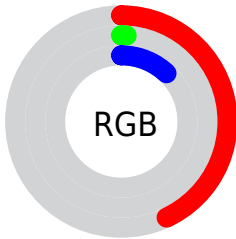
Format	Color
RYB	110, 2, 31
Decimal	7209503
CIELab	21.79, 43.65, 16.06
CIElCh	22, 46.514, 20.198
Yxy	3.4573, 0.5693, 0.2938
Android (android.graphics.Color)	4285399583 (0xFF6E021F)
YUV	37.5980, -3.2528, 63.4966
Hunter-Lab	18.5939, 31.7746, 7.8802

Details

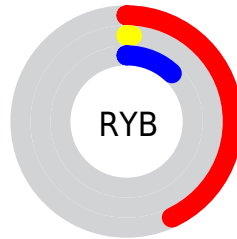
The Hex color **6E021F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **026E51**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **A73F4A**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6E001E**, and if you desaturate by 10%, it is **6E0D27**.

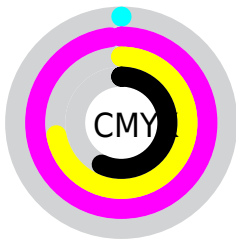
Distribution



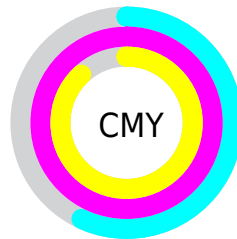
- Red (43%)
- Green (1%)
- Blue (12%)



- Red (43%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (98%)
- Yellow (72%)
- Black (57%)



- Cyan (57%)
- Magenta (99%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E021F 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 6E021F by changing the saturation by 10% instead.

 6E021F

 6E021F

FFFFFF

 520007


 A73F4A

 380001

 C55A62

 130000

 E3747B

 000000

 FF8F95

 FFAAAF

 FFC6CB

 FFE3E7

 6E021F

 6E021F

■ 6E001E

■ 6E0D27

■ 6E182F

■ 6E2337

■ 6E2E3F

■ 6E3947

■ 6E444F

■ 6E4F57

■ 6E5A5F

■ 6E6567

Harmonies

Analogous

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



6A0041



6E021F



621D00

Triad

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



6E021F



003F00



003C79

Complementary

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



6E021F



026E51

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.



004169



6E021F



004227

Square

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



6E021F



2C3900



00434B



023076

Rectangle

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



6E021F



532A00



00434B



003E76

Sweetspot

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



6E021F



8F6571



4F026E



472E35



C7C7C7



474747

Same Dimension

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



6E021F



8F0026



6E1902



383234



780020



F70042

Inverse Universe

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



6E021F



8F0026



02576E



383234



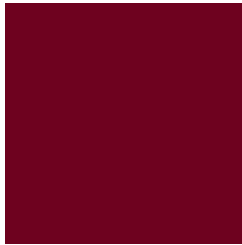
780020



F70042

Previews

White Background



This preview shows how the Hex color 6E021F 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

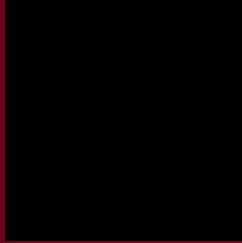
Any Text WCAG AA × Fail

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 6E021F Background



This preview shows how black text looks on a background with the Hex color 6E021F.



This preview shows how white text looks on a background with the Hex color 6E021F.

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
6E021F

Protanopia
3B382E

Deuteranopia
453519

Trichromacy



Original Color
6E021F

Protanomaly
4E2429

Deuteranomaly
54221B

Tritanomaly
6E0912

Monochromacy



Original Color
6E021F

Achromatopsia
262626

Achromatomaly
401923

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E021F 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 #6E021F looks like.

```
.text, #text, p{  
    color:#6E021F  
}
```

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 #6E021F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E021F
}
```

Border

The CSS property to change the border of an element to Hex 6E021F 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".

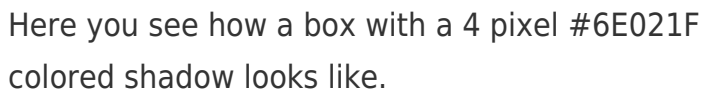
```
.border, #border, table{ border:4px solid
#6E021F }
```

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

```
.border{ border-color:#6E021F }
```

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

Here you see how a box with a 4 pixel #6E021F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, indicating a box shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E021F; -webkit-box-shadow:4px 4px  
4px 4px #6E021F; box-shadow:4px 4px 4px  
4px #6E021F }
```

Background

The CSS property to change the background color of an element to Hex 6E021F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E021F }
```

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

```
.background{ background-color:#6E021F }
```

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