

Converting Colors

Hex(6E0013)

Have a look what the booklet for
Hex(6E0013) contains.

Hex(6E0013)	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(6E0013)

Conversions

Conversions Part 1

Format	Color
Hex	6E0013
RGB	110, 0, 19
RGB Percent	43%, 0%, 7%
CMY	0.5686, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.83, 0.57
HSL	350°, 100%, 22%
HSV	350°, 100%, 43%
XYZ	6.5480, 3.3620, 0.9199
YIQ	35.0560, 59.4610, 29.2290

Conversions

Conversions Part 2

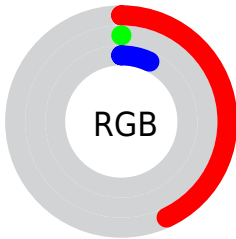
Format	Color
RYB	110, 0, 19
Decimal	7208979
CIELab	21.44, 43.60, 23.81
CIELCh	21, 49.672, 28.637
Yxy	3.3620, 0.6046, 0.3104
Android (android.graphics.Color)	4285399059 (0xFF6E0013)
YUV	35.0560, -7.9156, 65.7259
Hunter-Lab	18.3358, 31.6570, 9.8605

Details

The Hex color **6E0013** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006E5B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A83E3D**, and **370001** is the 20% darker color. If you saturate the color by 10%, you get **6E0013**, and if you desaturate by 10%, it is **6E0B1C**.

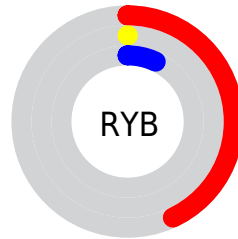
Distribution



Red (43%)

Green (0%)

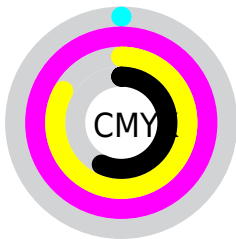
Blue (7%)



Red (43%)

Yellow (0%)

Blue (7%)

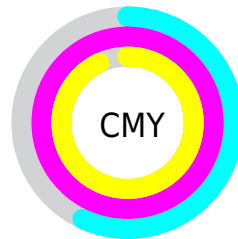


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (57%)



Cyan (57%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E0013 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 6E0013 by changing the saturation by 10% instead.

 6E0013

 6E0013

 FFFEF3

 520000

 A83E3D

 370001

 C65854

 100000

 E4726D

 000000

 FF8D86

 FFA9A0

 FFC5BB

 FFE1D7

 6E0013

 6E0B1C

 6E1625

 6E212E

 6E2C37

 6E3741

 6E424A

 6E4D53

 6E585C

 6E6365

Harmonies

Analogous

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



700037



6E0013



5D2000

Triad

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



6E0013



004007



00397E

Complementary

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



6E0013



006E5B

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.



004073



6E0013



004231

Square

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



6E0013



1D3B00



004256



262A75

Rectangle

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



6E0013



4C2D00



004256



003C7D

Sweetspot

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



6E0013



8F646B



5A006E



472E32



C7C7C7



474747

Same Dimension

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



6E0013



8F0019



6E2300



383233



780015



F7002B

Inverse Universe

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



6E0013



8F0019



004B6E



383233



780015



F7002B

Previews

White Background



This preview shows how the Hex color 6E0013 looks on a white background.

Color Contrast Check

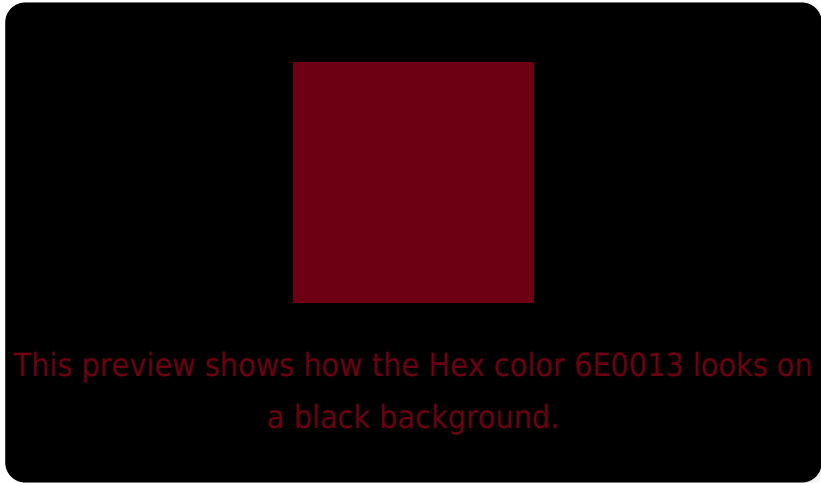
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E0013 Background



This preview shows how black text looks on a background with the Hex color 6E0013.



This preview shows how white text looks on a background with the Hex color 6E0013.

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
6E0013

Protanopia
3D381E

Deuteranopia
463508



Tritanopia
6E0A00

Trichromacy



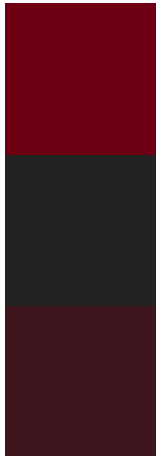
Original Color
6E0013

Protanomaly
4F241A

Deuteranomaly
55220C

Tritanomaly
6E0607

Monochromacy



Original Color
6E0013

Achromatopsia
232323

Achromatomaly
3E161D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E0013 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 #6E0013 looks like.

```
.text, #text, p{  
    color:#6E0013  
}
```

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 #6E0013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0013
}
```

Border

The CSS property to change the border of an element to Hex 6E0013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

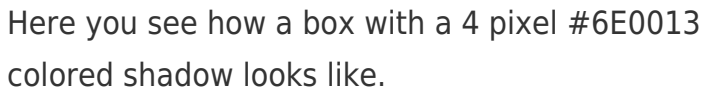
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E0013 }
```

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

```
.border{ border-color:#6E0013 }
```

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



Here you see how a box with a 4 pixel #6E0013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0013; -webkit-box-shadow:4px 4px  
4px 4px #6E0013; box-shadow:4px 4px 4px  
4px #6E0013 }
```

Background

The CSS property to change the background color of an element to Hex 6E0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0013 }
```

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

```
.background{ background-color:#6E0013 }
```

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