

Converting Colors

Hex(6E0062)

Have a look what the booklet for
Hex(6E0062) contains.

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Color

Hex(6E0062)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E0062 |
| RGB | 110, 0, 98 |
| RGB Percent | 43%, 0%, 38% |
| CMY | 0.5686, 1.0000, 0.6157 |
| CMYK | 0.00, 1.00, 0.11, 0.57 |
| HSL | 307°, 100%, 22% |
| HSV | 307°, 100%, 43% |
| XYZ | 8.6350, 4.1968, 11.9102 |
| YIQ | 44.0620, 34.1020, 53.7980 |

Conversions

Conversions Part 2

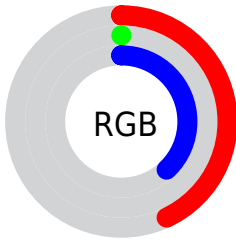
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 110, 0, 98 |
| Decimal | 7209058 |
| CIELab | 24.31, 51.02, -26.15 |
| CIELCh | 24, 57.326, 332.864 |
| Yxy | 4.1968, 0.3490, 0.1696 |
| Android (android.graphics.Color) | 4285399138 (0xFF6E0062) |
| YUV | 44.0620, 26.5914, 57.8276 |
| Hunter-Lab | 20.4862, 39.3877, -20.1296 |

Details

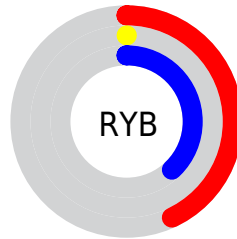
The Hex color **6E0062** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006E0C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A54295**, and **3A0033** is the 20% darker color. If you saturate the color by 10%, you get **6E0062**, and if you desaturate by 10%, it is **6E0B63**.

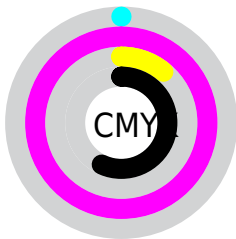
Distribution



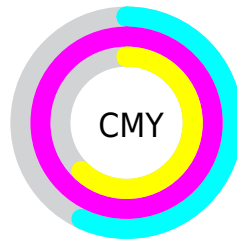
- Red (43%)
- Green (0%)
- Blue (38%)



- Red (43%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E0062 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 6E0062 by changing the saturation by 10% instead.

 6E0062

 6E0062

FFFFFF

 54004A

 A54295

 3A0033

 C15DB0

 21001D

 DE77CC

 000000

 FC93E8

 FFAEFF

 FFCBFF

 FFE8FF

 6E0062

 6E0B63

 6E1664

 6E2166

 6E2C67

 6E3768

 6E4269

 6E4D6A

 6E586C

 6E636D

Harmonies

Analogous

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



362B84



6E0062



810038

Triad

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



6E0062



443A00



004B68

Complementary

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



6E0062



006E0C

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.



004A3D



6E0062



144400

Square

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



6E0062



662700



00480D



004888

Rectangle

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



6E0062



80001C



00480D



004B5A

Sweetspot

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



6E0062



8F648A



0B006E



472E45



C7C7C7



474747

Same Dimension

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



6E0062



8F007F



6E002C



383237



78006B



F700DC

Inverse Universe

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



6E0062



8F007F



006E42



383237



78006B



F700DC

Previews

White Background



This preview shows how the Hex color 6E0062 looks on a white background.

Color Contrast Check

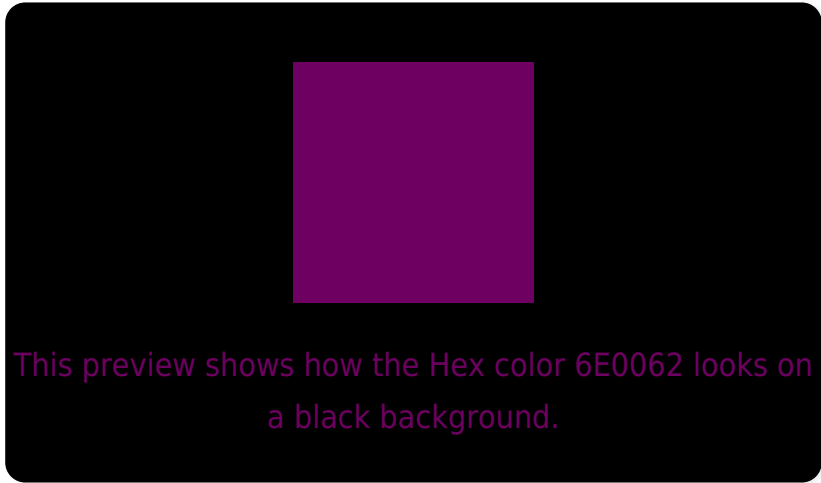
Large Text (above 18pt) WCAG AA ✓ Pass

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

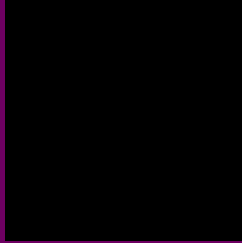
Any Text WCAG AA × Fail

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 6E0062 Background



This preview shows how black text looks on a background with the Hex color 6E0062.



This preview shows how white text looks on a background with the Hex color 6E0062.

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





Tritanopia
692729

Trichromacy



Original Color
6E0062



Protanomaly
282674



Deuteranomaly
47275E



Tritanomaly
6B193E

Monochromacy



Original Color
6E0062



Achromatopsia
2C2C2C



Achromatomaly
441C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E0062 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 #6E0062 looks like.

```
.text, #text, p{  
    color:#6E0062  
}
```

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 #6E0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0062
}
```

Border

The CSS property to change the border of an element to Hex 6E0062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

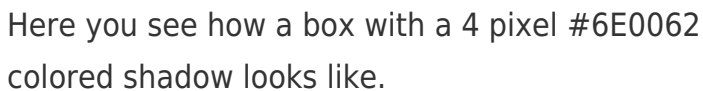
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E0062 }
```

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

```
.border{ border-color:#6E0062 }
```

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



Here you see how a box with a 4 pixel #6E0062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0062; -webkit-box-shadow:4px 4px  
4px 4px #6E0062; box-shadow:4px 4px 4px  
4px #6E0062 }
```

Background

The CSS property to change the background color of an element to Hex 6E0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0062 }
```

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

```
.background{ background-color:#6E0062 }
```

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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