

Converting Colors

Hex(6E0066)

Have a look what the booklet for
Hex(6E0066) contains.

| | |
|--|----|
| Hex(6E0066) | 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(6E0066)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E0066 |
| RGB | 110, 0, 102 |
| RGB Percent | 43%, 0%, 40% |
| CMY | 0.5686, 1.0000, 0.6000 |
| CMYK | 0.00, 1.00, 0.07, 0.57 |
| HSL | 304°, 100%, 22% |
| HSV | 304°, 100%, 43% |
| XYZ | 8.8287, 4.2743, 12.9301 |
| YIQ | 44.5180, 32.8180, 55.0420 |

Conversions

Conversions Part 2

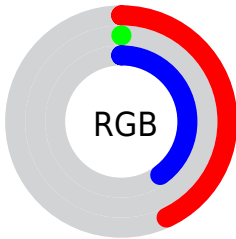
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 110, 0, 102 |
| Decimal | 7209062 |
| CIE _{Lab} | 24.56, 51.62, -28.38 |
| CIE _{LCh} | 25, 58.907, 331.201 |
| Yxy | 4.2743, 0.3391, 0.1642 |
| Android (android.graphics.Color) | 4285399142 (0xFF6E0066) |
| YUV | 44.5180, 28.3386, 57.4277 |
| Hunter-Lab | 20.6744, 40.0455, -22.6088 |

Details

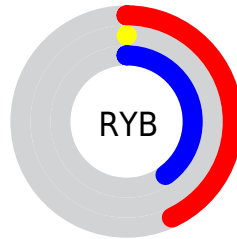
The Hex color **6E0066** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006E08**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A54299**, and **3A0036** is the 20% darker color. If you saturate the color by 10%, you get **6E0066**, and if you desaturate by 10%, it is **6E0B67**.

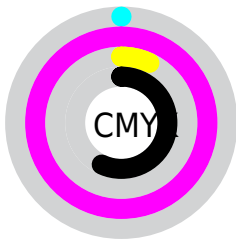
Distribution



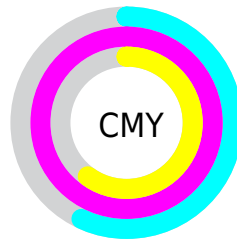
- Red (43%)
- Green (0%)
- Blue (40%)



- Red (43%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E0066 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 6E0066 by changing the saturation by 10% instead.

 6E0066

 6E0066

FFFFFF

 54004E

 A54299

 3A0036

 C15DB4

 210021

 DE78D0

 000004

 FC93ED

 000000

 FFAFFF

 FFCBFF

 FFE8FF

 6E0066

 6E0B67

 6E1668

 6E2168

 6E2C69

 6E376A

 6E426B

 6E4D6C

 6E586C

 6E636D

Harmonies

Analogous

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



302D88



6E0066



83003B

Triad

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



6E0066



473A00



004C68

Complementary

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



6E0066



006E08

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.



004B3B



6E0066



174400

Square

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



6E0066



692500



004908



004989

Rectangle

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



6E0066



83001E



004908



004C5A

Sweetspot

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



6E0066



8F648C



07006E



472E46



C7C7C7



474747

Same Dimension

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



6E0066



8F0084



6E0030



383238



78006F



F700E5

Inverse Universe

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



6E0066



8F0084



006E3E



383238



78006F



F700E5

Previews

White Background



This preview shows how the Hex color 6E0066 looks on a white background.

Color Contrast Check

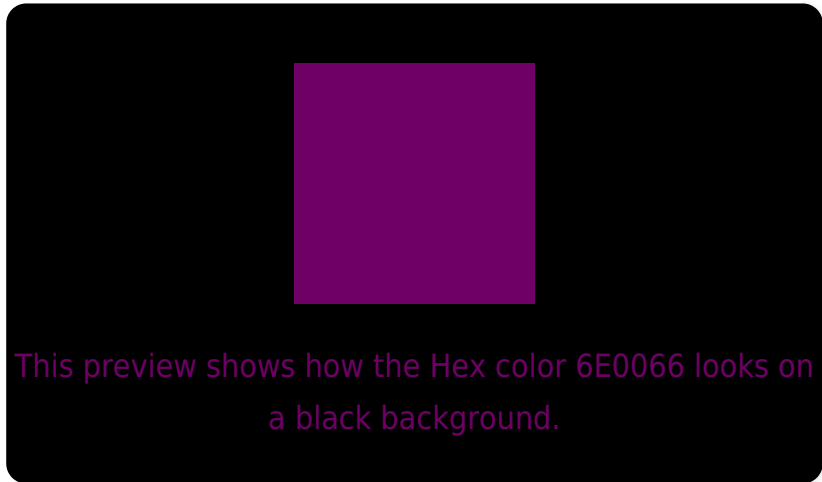
Large Text (above 18pt) WCAG AA ✓ Pass

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

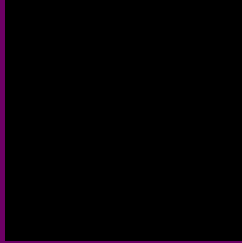
Any Text WCAG AA × Fail

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 6E0066 Background



This preview shows how black text looks on a background with the Hex color 6E0066.



This preview shows how white text looks on a background with the Hex color 6E0066.

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
6E0066

Protanopia
003C7F

Deuteranopia
2D3E60



Tritanopia
68282B

Trichromacy



Original Color
6E0066

Protanomaly
282676

Deuteranomaly
452762

Tritanomaly
6A1940

Monochromacy



Original Color
6E0066

Achromatopsia
2D2D2D

Achromatomaly
451D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E0066 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 #6E0066 looks like.

```
.text, #text, p{  
    color:#6E0066  
}
```

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 #6E0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0066  
}
```

Border

The CSS property to change the border of an element to Hex 6E0066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

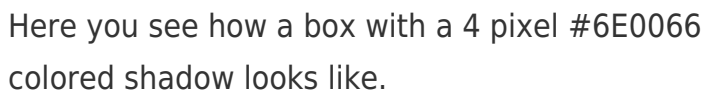
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E0066 }
```

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

```
.border{ border-color:#6E0066 }
```

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



Here you see how a box with a 4 pixel #6E0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0066; -webkit-box-shadow:4px 4px  
4px 4px #6E0066; box-shadow:4px 4px 4px  
4px #6E0066 }
```

Background

The CSS property to change the background color of an element to Hex 6E0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0066 }
```

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

```
.background{ background-color:#6E0066 }
```

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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