

Converting Colors

Hex(6E0644)

Have a look what the booklet for
Hex(6E0644) contains.

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Color

Hex(6E0644)

Conversions

Conversions Part 1

Format	Color
Hex	6E0644
RGB	110, 6, 68
RGB Percent	43%, 2%, 27%
CMY	0.5686, 0.9765, 0.7333
CMYK	0.00, 0.95, 0.38, 0.57
HSL	324°, 90%, 23%
HSV	324°, 95%, 43%
XYZ	7.5389, 3.8626, 5.8171
YIQ	44.1640, 42.0820, 41.3300

Conversions

Conversions Part 2

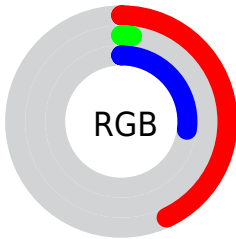
Format	Color
RYB	110, 6, 68
Decimal	7210564
CIELab	23.21, 45.81, -7.72
CIELCh	23, 46.458, 350.436
Yxy	3.8626, 0.4378, 0.2243
Android (android.graphics.Color)	4285400644 (0xFF6E0644)
YUV	44.1640, 11.7511, 57.7382
Hunter-Lab	19.6535, 34.0775, -3.7912




Details

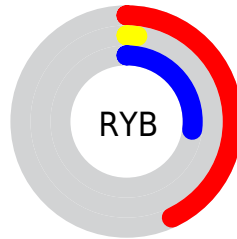
The Hex color **6E0644** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **066E30**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **A54374**, and **3A0019** is the 20% darker color. If you saturate the color by 10%, you get **6E0042**, and if you desaturate by 10%, it is **6E1148**.

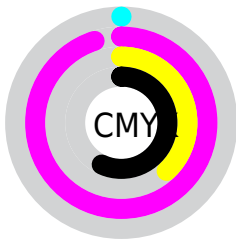
Distribution







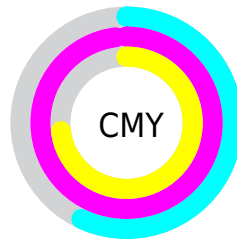
-  Red (43%)
-  Green (2%)
-  Blue (27%)






-  Red (43%)
-  Yellow (2%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (95%)
-  Yellow (38%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (98%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E0644 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 6E0644 by changing the saturation by 10% instead.

6E0644

6E0644

FFFFFF

53002E

A54374

3A0019

C25D8E

1E0001

DF78A8

000000

FD93C3

FFAEDF

FFCAFC

FFE7FF

6E0644

6E0644

■ 6E0042

■ 6E1148

■ 6E1C4D

■ 6E2751

■ 6E3256

■ 6E3D5A

■ 6E485F

■ 6E5363

■ 6E5E68

■ 6E696C

Harmonies

Analogous

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



552064



6E0644



720822

Triad

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



6E0644



2F3D00



00456D

Complementary

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



6E0644



066E30

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.



00464F



6E0644



004303

Square

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



6E0644



4E3200



00452B



003F7D

Rectangle

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



6E0644



6B190A



00452B



004564

Sweetspot

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



6E0644



8F677F



30066E



472F3E



C7C7C7



474747

Same Dimension

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



6E0644



8F0055



6E0610



383236



780047



F70093

Inverse Universe

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



6E0644



8F0055



066E64



383236



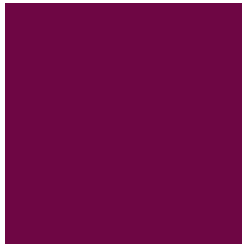
780047



F70093

Previews

White Background



This preview shows how the Hex color 6E0644 looks on a white background.

Color Contrast Check

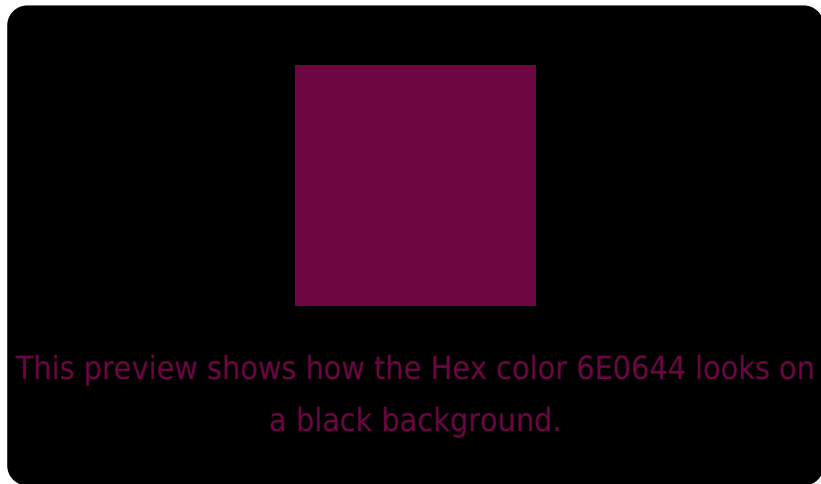
Large Text (above 18pt) WCAG AA ✓ Pass

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

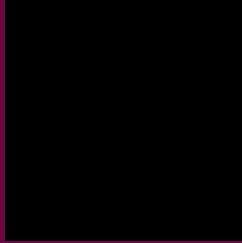
Any Text WCAG AA × Fail

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 6E0644 Background



This preview shows how black text looks on a background with the Hex color 6E0644.



This preview shows how white text looks on a background with the Hex color 6E0644.

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
6E0644

Protanopia
2A3961

Deuteranopia
3E393F



Tritanopia
6C1B1C

Trichromacy



Original Color
6E0644

Protanomaly
432656

Deuteranomaly
4F2641

Tritanomaly
6D132B

Monochromacy



Original Color
6E0644

Achromatopsia
2C2C2C

Achromatomaly
441E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E0644 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 #6E0644 looks like.

```
.text, #text, p{  
    color:#6E0644  
}
```

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 #6E0644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0644
}
```

Border

The CSS property to change the border of an element to Hex 6E0644 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
#6E0644 }
```

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

```
.border{ border-color:#6E0644 }
```

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

Here you see how a box with a 4 pixel #6E0644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0644; -webkit-box-shadow:4px 4px  
4px 4px #6E0644; box-shadow:4px 4px 4px  
4px #6E0644 }
```

Background

The CSS property to change the background color of an element to Hex 6E0644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0644 }
```

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

```
.background{ background-color:#6E0644 }
```

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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