

Converting Colors

Hex(6D0044)

Have a look what the booklet for
Hex(6D0044) contains.

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Color

Hex(6D0044)

Conversions

Conversions Part 1

Format	Color
Hex	6D0044
RGB	109, 0, 68
RGB Percent	43%, 0%, 27%
CMY	0.5725, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.38, 0.57
HSL	323°, 100%, 21%
HSV	323°, 100%, 43%
XYZ	7.3501, 3.6686, 5.7896
YIQ	40.3430, 43.1360, 44.2560

Conversions

Conversions Part 2

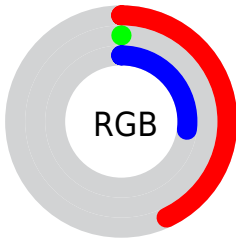
Format	Color
RYB	109, 0, 68
Decimal	7143492
CIELab	22.54, 46.88, -8.75
CIELCh	23, 47.692, 349.426
Yxy	3.6686, 0.4373, 0.2183
Android (android.graphics.Color)	4285333572 (0xFF6D0044)
YUV	40.3430, 13.6349, 60.2122
Hunter-Lab	19.1535, 34.9799, -4.5142

Details

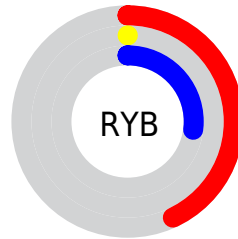
The Hex color **6D0044** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006D29**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **A44074**, and **390019** is the 20% darker color. If you saturate the color by 10%, you get **6D0044**, and if you desaturate by 10%, it is **6D0B48**.

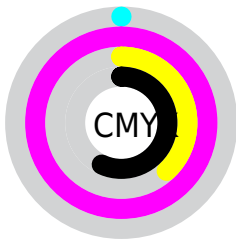
Distribution



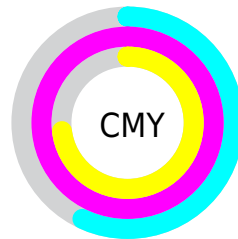
- Red (43%)
- Green (0%)
- Blue (27%)



- Red (43%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D0044 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 6D0044 by changing the saturation by 10% instead.

 6D0044

 6D0044

FFFFFF

 52002E

 A44074

 390019

 C15A8E

 1C0001

 DE75A8

 000000

 FC90C3

 FFABDF

 FFC8FC

 FFE4FF

 6D0044

 6D0B48

 6D164C

 6D2150

 6D2C54

 6D3758

 6D415D

 6D4C61

 6D5765

 6D6269

Harmonies

Analogous

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



521E65



6D0044



710121

Triad

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



6D0044



2E3B00



00436C

Complementary

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



6D0044



006D29

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.



00454D



6D0044



004100

Square

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



6D0044



4E3000



004428



003E7D

Rectangle

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



6D0044



6B1508



004428



004463

Sweetspot

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



6D0044



8F647F



28006D



472E3E



C7C7C7



474747

Same Dimension

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



6D0044



8F0059



6D000F



363034



750049



F50099

Inverse Universe

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



6D0044



8F0059



006D5E



363034



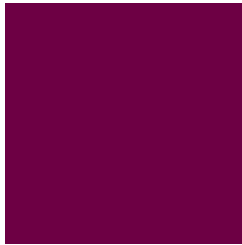
750049



F50099

Previews

White Background



This preview shows how the Hex color 6D0044 looks on a white background.

Color Contrast Check

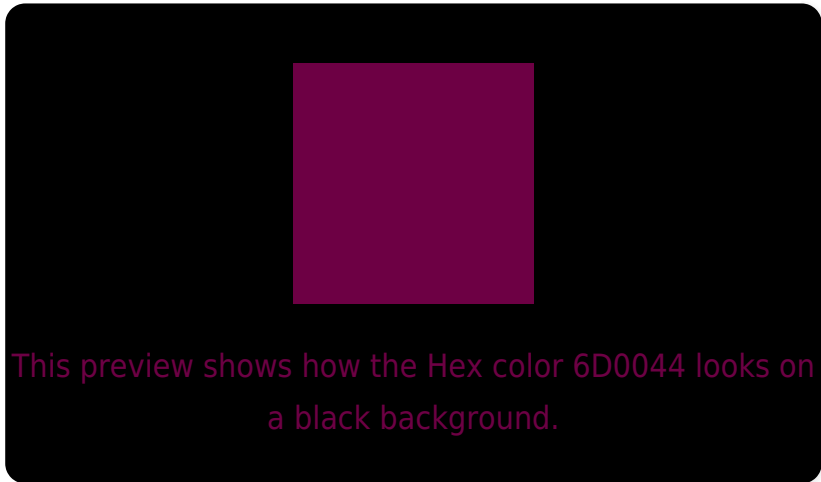
Large Text (above 18pt) WCAG AA ✓ Pass

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

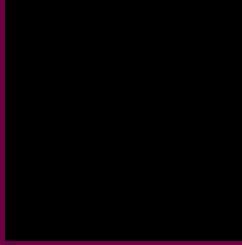
Any Text WCAG AA × Fail

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 6D0044 Background



This preview shows how black text looks on a background with the Hex color 6D0044.



This preview shows how white text looks on a background with the Hex color 6D0044.

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
6D0044

Protanopia
293861

Deuteranopia
3D383F



Tritanopia
6B1B1C

Trichromacy



Original Color
6D0044

Protanomaly
422456

Deuteranomaly
4E2441

Tritanomaly
6C112B

Monochromacy



Original Color
6D0044

Achromatopsia
282828

Achromatomaly
411932

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0044 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 #6D0044 looks like.

```
.text, #text, p{  
    color:#6D0044  
}
```

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 #6D0044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0044
}
```

Border

The CSS property to change the border of an element to Hex 6D0044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

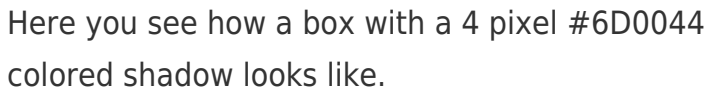
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0044 }
```

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

```
.border{ border-color:#6D0044 }
```

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



Here you see how a box with a 4 pixel #6D0044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0044; -webkit-box-shadow:4px 4px  
4px 4px #6D0044; box-shadow:4px 4px 4px  
4px #6D0044 }
```

Background

The CSS property to change the background color of an element to Hex 6D0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0044 }
```

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

```
.background{ background-color:#6D0044 }
```

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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