

Converting Colors

Hex(6B0051)

Have a look what the booklet for
Hex(6B0051) contains.

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Color

Hex(6B0051)

Conversions

Conversions Part 1

Format	Color
Hex	6B0051
RGB	107, 0, 81
RGB Percent	42%, 0%, 32%
CMY	0.5804, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.24, 0.58
HSL	315°, 100%, 21%
HSV	315°, 100%, 42%
XYZ	7.5486, 3.7199, 8.1047
YIQ	41.2270, 37.7710, 47.8750

Conversions

Conversions Part 2

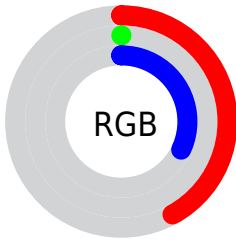
Format	Color
RYB	107, 0, 81
Decimal	7012433
CIELab	22.72, 48.01, -17.37
CIELCh	23, 51.057, 340.113
Yxy	3.7199, 0.3896, 0.1920
Android (android.graphics.Color)	4285202513 (0xFF6B0051)
YUV	41.2270, 19.6081, 57.6829
Hunter-Lab	19.2870, 36.1097, -11.4138

Details

The Hex color **6B0051** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006B1A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **A24083**, and **380024** is the 20% darker color. If you saturate the color by 10%, you get **6B0051**, and if you desaturate by 10%, it is **6B0B54**.

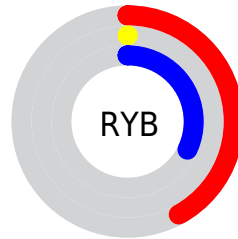
Distribution



Red (42%)

Green (0%)

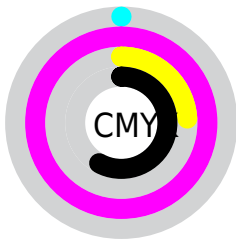
Blue (32%)



Red (42%)

Yellow (0%)

Blue (32%)

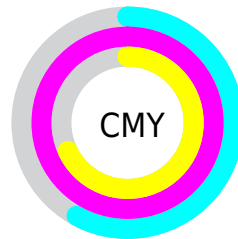


Cyan (0%)

Magenta (100%)

Yellow (24%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0051 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 6B0051 by changing the saturation by 10% instead.

 6B0051

 6B0051

FFFFFF

 51003A

 A24083

 380024

 BE5B9D

 1C000C

 DB75B8

 000000

 F890D3

 FFACF0

 FFC8FF

 FFE5FF

 6B0051

 6B0B54

 6B1556

 6B2059

 6B2B5B

 6B365E

 6B4061

 6B4B63

 6B5666

 6B6068

Harmonies

Analogous

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



452471



6B0051



76002B

Triad

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



6B0051



383900



004567

Complementary

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



6B0051



006B1A

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.



004643



6B0051



074000

Square

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



6B0051



582B00



00441A



00427F

Rectangle

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



6B0051



720313



00441A



00465C

Sweetspot

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



6B0051



8C6282



19006B



472E41



C7C7C7



474747

Same Dimension

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



6B0051



8C006A



6B001D



363034



750059



F500B9

Inverse Universe

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



6B0051



8C006A



006B4E



363034



750059



F500B9

Previews

White Background



This preview shows how the Hex color 6B0051 looks on a white background.

Color Contrast Check

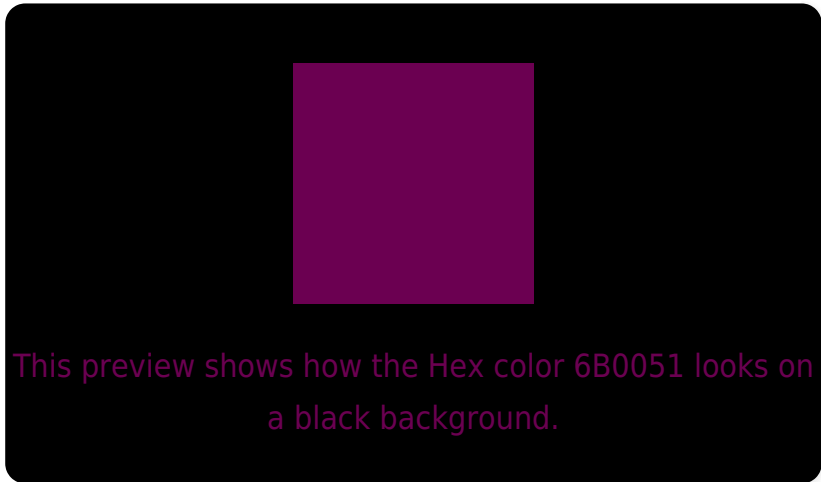
Large Text (above 18pt) WCAG AA ✓ Pass

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

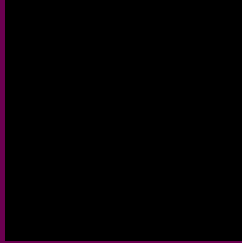
Any Text WCAG AA × Fail

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 6B0051 Background



This preview shows how black text looks on a background with the Hex color 6B0051.

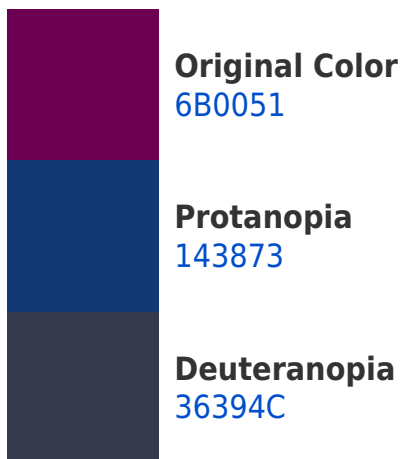


This preview shows how white text looks on a background with the Hex color 6B0051.

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



Trichromacy



Original Color
6B0051

Protanomaly
342467

Deuteranomaly
49244E

Tritanomaly
681433

Monochromacy



Original Color
6B0051

Achromatopsia
292929

Achromatomaly
411A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0051 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 #6B0051 looks like.

```
.text, #text, p{  
    color:#6B0051  
}
```

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 #6B0051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0051
}
```

Border

The CSS property to change the border of an element to Hex 6B0051 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
#6B0051 }
```

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

```
.border{ border-color:#6B0051 }
```

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

Here you see how a box with a 4 pixel #6B0051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0051; -webkit-box-shadow:4px 4px  
4px 4px #6B0051; box-shadow:4px 4px 4px  
4px #6B0051 }
```

Background

The CSS property to change the background color of an element to Hex 6B0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0051 }
```

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

```
.background{ background-color:#6B0051 }
```

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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