

Converting Colors

Hex(6B0057)

Have a look what the booklet for
Hex(6B0057) contains.

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Color

Hex(6B0057)

Conversions

Conversions Part 1

Format	Color
Hex	6B0057
RGB	107, 0, 87
RGB Percent	42%, 0%, 34%
CMY	0.5804, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.19, 0.58
HSL	311°, 100%, 21%
HSV	311°, 100%, 42%
XYZ	7.7837, 3.8139, 9.3427
YIQ	41.9110, 35.8450, 49.7410

Conversions

Conversions Part 2

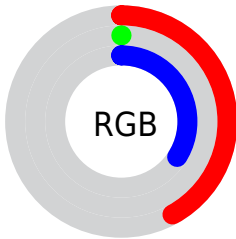
Format	Color
R_{YB}	107, 0, 87
Decimal	7012439
CIE _{Lab}	23.05, 48.83, -20.89
CIE _{LCh}	23, 53.108, 336.835
Yxy	3.8139, 0.3717, 0.1821
Android (android.graphics.Color)	4285202519 (0xFF6B0057)
YUV	41.9110, 22.2289, 57.0831
Hunter-Lab	19.5293, 36.9679, -14.6937

Details

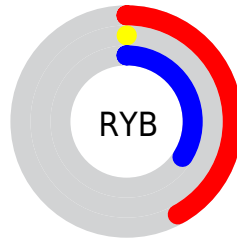
The Hex color **6B0057** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006B14**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **A24189**, and **380029** is the 20% darker color. If you saturate the color by 10%, you get **6B0057**, and if you desaturate by 10%, it is **6B0B59**.

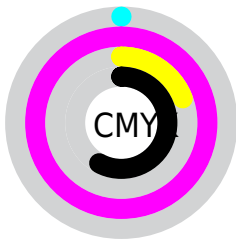
Distribution



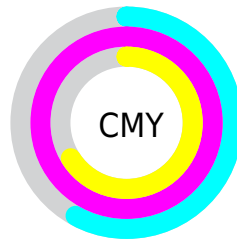
- Red (42%)
- Green (0%)
- Blue (34%)



- Red (42%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0057 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 6B0057 by changing the saturation by 10% instead.

 6B0057

 6B0057

FFFFFF

 51003F

 A24189

 380029

 BE5BA4

 1C0014

 DB76BF

 000000

 F891DB

 FFACF7

 FFC8FF

 FFE5FF

 6B0057

 6B0B59

 6B155B

 6B205D

 6B2B5F

 6B3661

 6B4063

 6B4B65

 6B5667

 6B6069

Harmonies

Analogous

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



3F2778



6B0057



790030

Triad

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



6B0057



3D3900



004766

Complementary

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



6B0057



006B14

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.



00473F



6B0057



0D4100

Square

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



6B0057



5D2800



004515



004381

Rectangle

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



6B0057



770016



004515



00475A

Sweetspot

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



6B0057



8C6284



14006B



472E43



C7C7C7



474747

Same Dimension

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



6B0057



8C0072



6B0022



363035



75005F



F500C7

Inverse Universe

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



6B0057



8C0072



006B49



363035



75005F



F500C7

Previews

White Background



This preview shows how the Hex color 6B0057 looks on a white background.

Color Contrast Check

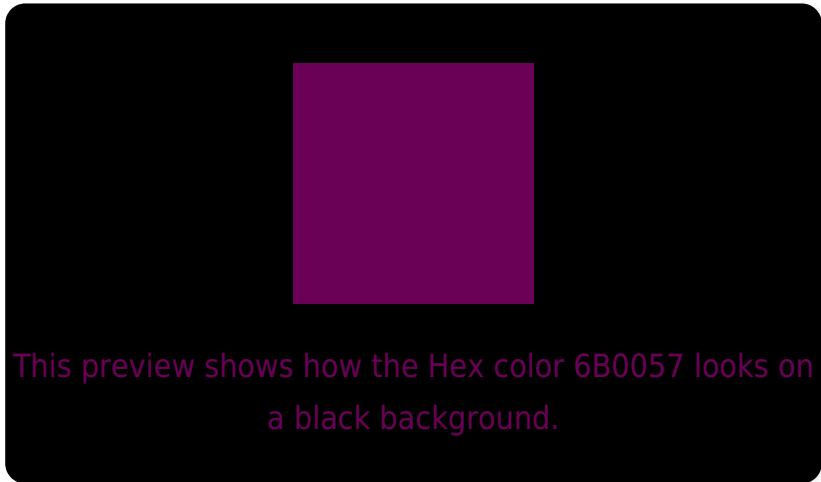
Large Text (above 18pt) WCAG AA ✓ Pass

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

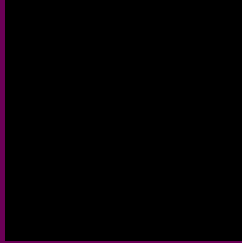
Any Text WCAG AA × Fail

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 6B0057 Background



This preview shows how black text looks on a background with the Hex color 6B0057.

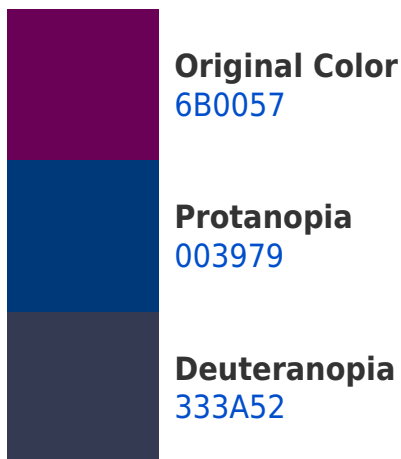


This preview shows how white text looks on a background with the Hex color 6B0057.

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
672224

Trichromacy



Original Color
6B0057

Protanomaly
27246D

Deuteranomaly
472554

Tritanomaly
681637

Monochromacy



Original Color
6B0057

Achromatopsia
2A2A2A

Achromatomaly
421B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0057 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 #6B0057 looks like.

```
.text, #text, p{  
    color:#6B0057  
}
```

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 #6B0057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0057
}
```

Border

The CSS property to change the border of an element to Hex 6B0057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

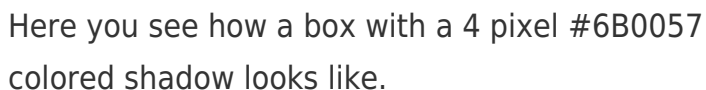
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0057 }
```

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

```
.border{ border-color:#6B0057 }
```

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



Here you see how a box with a 4 pixel #6B0057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0057; -webkit-box-shadow:4px 4px  
4px 4px #6B0057; box-shadow:4px 4px 4px  
4px #6B0057 }
```

Background

The CSS property to change the background color of an element to Hex 6B0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0057 }
```

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

```
.background{ background-color:#6B0057 }
```

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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