

Converting Colors

Hex(6B0039)

Have a look what the booklet for
Hex(6B0039) contains.

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Color

Hex(6B0039)

Conversions

Conversions Part 1

Format	Color
Hex	6B0039
RGB	107, 0, 57
RGB Percent	42%, 0%, 22%
CMY	0.5804, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.47, 0.58
HSL	328°, 100%, 21%
HSV	328°, 100%, 42%
XYZ	6.8019, 3.4212, 4.1728
YIQ	38.4910, 45.4750, 40.4110

Conversions

Conversions Part 2

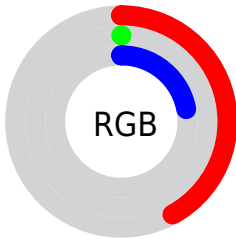
Format	Color
R_{YB}	107, 0, 57
Decimal	7012409
CIE Lab	21.66, 45.27, -2.50
CIE LCh	22, 45.340, 356.835
Yxy	3.4212, 0.4725, 0.2377
Android (android.graphics.Color)	4285202489 (0xFF6B0039)
YUV	38.4910, 9.1249, 60.0824
Hunter-Lab	18.4965, 33.2729, -0.4281

Details

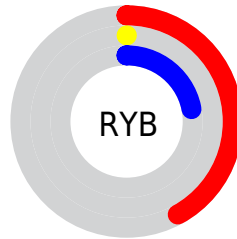
The Hex color **6B0039** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006B32**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **A33F68**, and **38000E** is the 20% darker color. If you saturate the color by 10%, you get **6B0039**, and if you desaturate by 10%, it is **6B0B3E**.

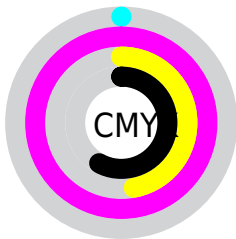
Distribution



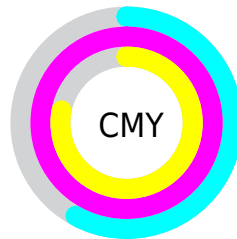
- Red (42%)
- Green (0%)
- Blue (22%)



- Red (42%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0039 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 6B0039 by changing the saturation by 10% instead.

 6B0039

 6B0039

FFFFFF

 500024

 A33F68

 38000E

 BF5981

 150000

 DC739B

 000000

 FA8EB6

 FFAAD1

 FFC6ED

 FFE2FF

 6B0039

 6B0B3E

 6B1543

 6B2048

 6B2B4D

 6B3652

 6B4057

 6B4B5C

 6B5661

 6B6066

Harmonies

Analogous

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



571859



6B0039



6B0B18

Triad

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



6B0039



243B00



00406C

Complementary

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



6B0039



006B32

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.



004252



6B0039



003F0A

Square

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



6B0039



443100



00422F



003A78

Rectangle

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



6B0039



631B00



00422F



004165

Sweetspot

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



6B0039



8C6279



32006B



472E3B



C7C7C7



474747

Same Dimension

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



6B0039



8C004B



6B0004



363033



75003E



F50082

Inverse Universe

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



6B0039



8C004B



006B67



363033



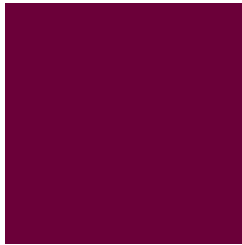
75003E



F50082

Previews

White Background



This preview shows how the Hex color 6B0039 looks on a white background.

Color Contrast Check

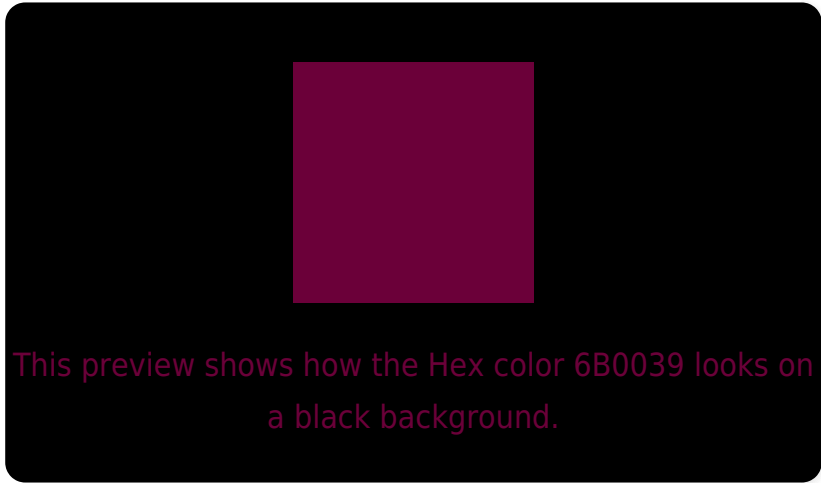
Large Text (above 18pt) WCAG AA ✓ Pass

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

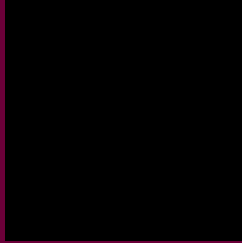
Any Text WCAG AA × Fail

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 6B0039 Background



This preview shows how black text looks on a background with the Hex color 6B0039.



This preview shows how white text looks on a background with the Hex color 6B0039.

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
6B0039

Protanopia
2F3752

Deuteranopia
3F3634



Tritanopia
691717

Trichromacy



Original Color
6B0039

Protanomaly
452349

Deuteranomaly
4F2236

Tritanomaly
6A0F23

Monochromacy



Original Color
6B0039

Achromatopsia
262626

Achromatomaly
3F182D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0039 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 #6B0039 looks like.

```
.text, #text, p{  
    color:#6B0039  
}
```

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 #6B0039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0039
}
```

Border

The CSS property to change the border of an element to Hex 6B0039 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".

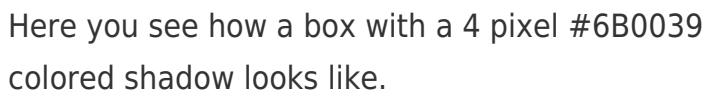
```
.border, #border, table{ border:4px solid
#6B0039 }
```

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

```
.border{ border-color:#6B0039 }
```

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

Here you see how a box with a 4 pixel #6B0039 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6B0039 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0039; -webkit-box-shadow:4px 4px  
4px 4px #6B0039; box-shadow:4px 4px 4px  
4px #6B0039 }
```

Background

The CSS property to change the background color of an element to Hex 6B0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0039 }
```

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

```
.background{ background-color:#6B0039 }
```

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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