

# Converting Colors

Hex(6B0018)

Have a look what the booklet for  
Hex(6B0018) contains.

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**Color**

**Hex(6B0018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B0018
RGB	107, 0, 24
RGB Percent	42%, 0%, 9%
CMY	0.5804, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.78, 0.58
HSL	347°, 100%, 21%
HSV	347°, 100%, 42%
XYZ	6.2283, 3.1917, 1.1520
YIQ	34.7290, 56.0680, 30.1480

# Conversions

## Conversions Part 2

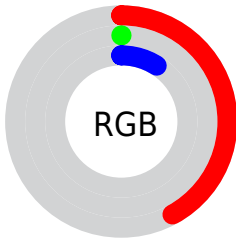
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 0, 24
Decimal	7012376
CIELab	20.80, 42.98, 19.54
CIELCh	21, 47.208, 24.445
Yxy	3.1917, 0.5891, 0.3019
Android (android.graphics.Color)	4285202456 (0xFF6B0018)
YUV	34.7290, -5.2894, 63.3817
Hunter-Lab	17.8655, 30.9643, 8.6828

# Details

The Hex color **6B0018** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006B53**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A53D43**, and **360002** is the 20% darker color. If you saturate the color by 10%, you get **6B0018**, and if you desaturate by 10%, it is **6B0B20**.

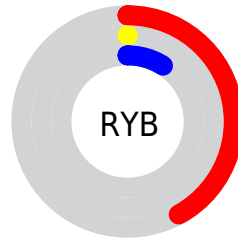
# Distribution



Red (42%)

Green (0%)

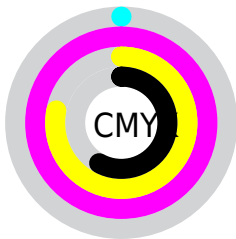
Blue (9%)



Red (42%)

Yellow (0%)

Blue (9%)

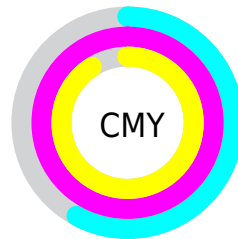


Cyan (0%)

Magenta (100%)

Yellow (78%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B0018 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 6B0018 by changing the saturation by 10% instead.



 6B0018

 6B0018

 FFFDFA

 4F0000

 A53D43

 360002

 C2575A

 090000

 E07272

 000000

 FE8C8C

 FFA8A6

 FFC4C1

 FFE0DD

 6B0018

 6B0B20

 6B1529

 6B2031

 6B2B39

 6B3641

 6B404A

 6B4B52

 6B565A

 6B6063

# Harmonies

## Analogous

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



6A003A



6B0018



5D1D00

# Triad

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



6B0018



003D01



003978

# Complementary

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



6B0018



006B53

# 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.



003F6B



6B0018



00402A

# Square

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



6B0018



233800



00404E



172C72

# Rectangle

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



6B0018



4D2A00



00404E



003B76



# Sweetspot

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



6B0018



8C626C



52006B



472E33



C7C7C7



474747



# Same Dimension

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



6B0018



8C001F



6B1D00



363031



75001A



F50037



# Inverse Universe

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



6B0018



8C001F



004E6B



363031



75001A

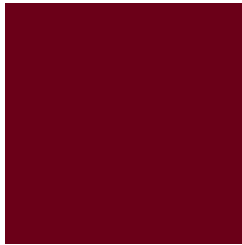


F50037



# Previews

## White Background



This preview shows how the Hex color 6B0018 looks on a white background.

## Color Contrast Check

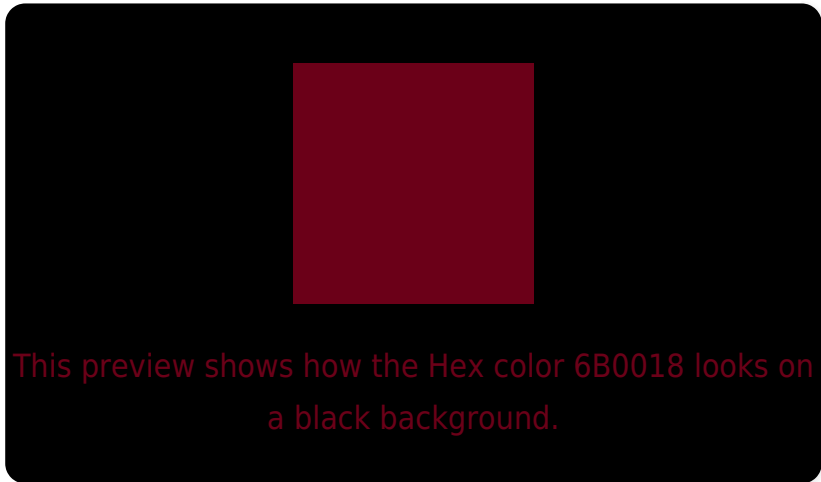
Large Text (above 18pt) WCAG AA ✓ Pass

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

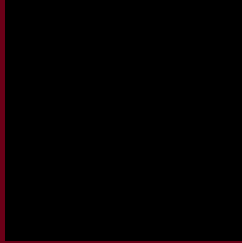
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B0018 Background



This preview shows how black text looks on a background with the Hex color 6B0018.



This preview shows how white text looks on a background with the Hex color 6B0018.

# 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**  
6B0018

**Protanopia**  
3B3625

**Deuteranopia**  
443411



**Tritanopia**  
6B0A05

# Trichromacy



**Original Color**  
6B0018

**Protanomaly**  
4C2220

**Deuteranomaly**  
522114

**Tritanomaly**  
6B060C

# Monochromacy



**Original Color**  
6B0018

**Achromatopsia**  
232323

**Achromatomaly**  
3D161F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B0018 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 #6B0018 looks like.

```
.text, #text, p{  
    color:#6B0018  
}
```

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 #6B0018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0018
}
```

## Border

The CSS property to change the border of an element to Hex 6B0018 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".

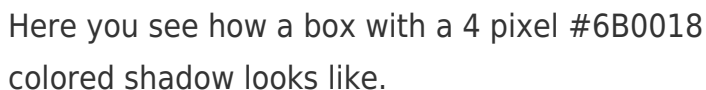
```
.border, #border, table{ border:4px solid
#6B0018 }
```

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

```
.border{ border-color:#6B0018 }
```

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

Here you see how a box with a 4 pixel #6B0018 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0018; -webkit-box-shadow:4px 4px  
4px 4px #6B0018; box-shadow:4px 4px 4px  
4px #6B0018 }
```

# Background

The CSS property to change the background color of an element to Hex 6B0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0018 }
```

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

```
.background{ background-color:#6B0018 }
```

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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