

# Converting Colors

Hex(6B0010)

Have a look what the booklet for  
Hex(6B0010) contains.

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# Color

**Hex(6B0010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B0010
RGB	107, 0, 16
RGB Percent	42%, 0%, 6%
CMY	0.5804, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.85, 0.58
HSL	351°, 100%, 21%
HSV	351°, 100%, 42%
XYZ	6.1569, 3.1632, 0.7763
YIQ	33.8170, 58.6360, 27.6600

# Conversions

## Conversions Part 2

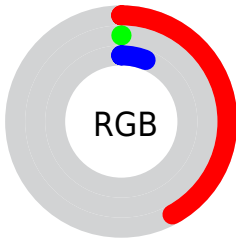
Format	Color
<a href="#">RYB</a>	<a href="#">107, 0, 16</a>
Decimal	<a href="#">7012368</a>
CIELab	<a href="#">20.69, 42.68, 24.56</a>
CIELCh	<a href="#">21, 49.241, 29.922</a>
Yxy	<a href="#">3.1632, 0.6098, 0.3133</a>
Android (android.graphics.Color)	<a href="#">4285202448 (0xFF6B0010)</a>
YUV	<a href="#">33.8170, -8.7838, 64.1815</a>
Hunter-Lab	<a href="#">17.7854, 30.6684, 9.8620</a>

# Details

The Hex color **6B0010** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006B5B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **A53D3A**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **6B0010**, and if you desaturate by 10%, it is **6B0B19**.

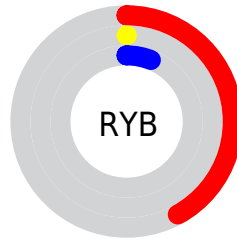
# Distribution



Red (42%)

Green (0%)

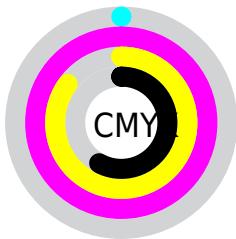
Blue (6%)



Red (42%)

Yellow (0%)

Blue (6%)

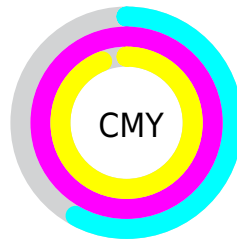


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B0010 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 6B0010 by changing the saturation by 10% instead.



 6B0010

 6B0010

 FFFDF0


 4F0000

 A53D3A

 350002

 C35751

 070000

 E17169

 000000

 FF8C83

 FFA79D

 FFC3B8

 FFE0D3

 6B0010

 6B0B19

 6B1522

 6B202B

 6B2B34

 6B363E

 6B4047

 6B4B50

 6B5659

 6B6062

# Harmonies

## Analogous

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



6D0034



6B0010



5A2000

# Triad

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



6B0010



003E08



00377C

# Complementary

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



6B0010



006B5B

# 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.



003E71



6B0010



004031

# Square

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



6B0010



1A3A00



004055



282872

# Rectangle

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



6B0010



482C00



004055



003A7A



# Sweetspot

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



6B0010



8C6268



5B006B



472E32



C7C7C7



474747



# Same Dimension

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



6B0010



8C0015



6B2500



363031



750012



F50025



# Inverse Universe

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



6B0010



8C0015



00466B



363031



750012

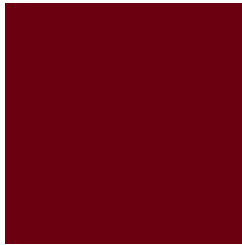


F50025



# Previews

## White Background



This preview shows how the Hex color 6B0010 looks on a white background.

## Color Contrast Check

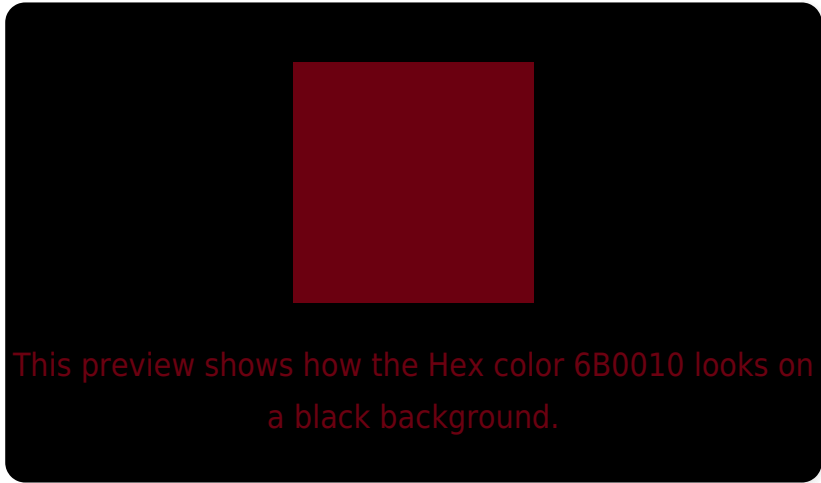
Large Text (above 18pt) WCAG AA ✓ Pass

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

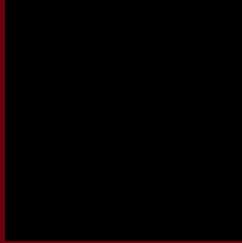
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B0010 Background



This preview shows how black text looks on a background with the Hex color 6B0010.



This preview shows how white text looks on a background with the Hex color 6B0010.

# 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**  
6B0010

**Protanopia**  
3C361A

**Deuteranopia**  
443300



**Tritanopia**  
6A0A00

# Trichromacy



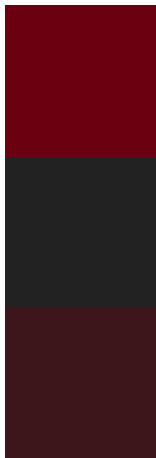
**Original Color**  
6B0010

**Protanomaly**  
4D2216

**Deuteranomaly**  
522006

**Tritanomaly**  
6A0606

# Monochromacy



**Original Color**  
6B0010

**Achromatopsia**  
222222

**Achromatomaly**  
3D161B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B0010 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 #6B0010 looks like.

```
.text, #text, p{  
    color:#6B0010  
}
```

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 #6B0010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0010
}
```

## Border

The CSS property to change the border of an element to Hex 6B0010 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".

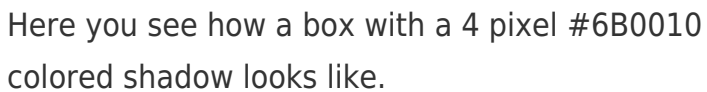
```
.border, #border, table{ border:4px solid
#6B0010 }
```

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

```
.border{ border-color:#6B0010 }
```

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

Here you see how a box with a 4 pixel #6B0010 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 #6B0010; -webkit-box-shadow:4px 4px  
4px 4px #6B0010; box-shadow:4px 4px 4px  
4px #6B0010 }
```

# Background

The CSS property to change the background color of an element to Hex 6B0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0010 }
```

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

```
.background{ background-color:#6B0010 }
```

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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