

# Converting Colors

Hex(4B0360)

Have a look what the booklet for  
Hex(4B0360) contains.

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# Color

**Hex(4B0360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B0360
RGB	75, 3, 96
RGB Percent	29%, 1%, 38%
CMY	0.7059, 0.9882, 0.6235
CMYK	0.22, 0.97, 0.00, 0.62
HSL	286°, 94%, 19%
HSV	286°, 97%, 38%
XYZ	5.0455, 2.4055, 11.2647
YIQ	35.1300, 13.0590, 44.1870

# Conversions

## Conversions Part 2

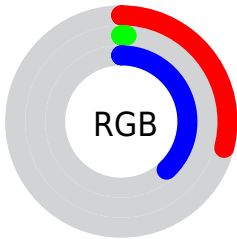
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 3, 96
Decimal	4916064
CIE <sub>Lab</sub>	17.49, 43.58, -36.16
CIE <sub>LCh</sub>	17, 56.625, 320.319
Yxy	2.4055, 0.2696, 0.1285
Android (android.graphics.Color)	4283106144 (0xFF4B0360)
YUV	35.1300, 30.0089, 34.9660
Hunter-Lab	15.5097, 30.9267, -32.2056




# Details

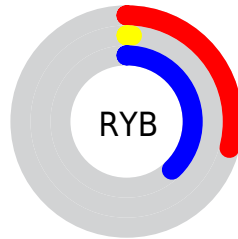
The Hex color **4B0360** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **186003**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **7F3B93**, and **1C0031** is the 20% darker color. If you saturate the color by 10%, you get **4A0060**, and if you desaturate by 10%, it is **4D0D60**.

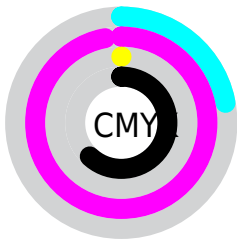
# Distribution







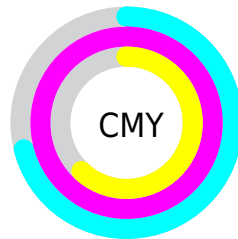
-  Red (29%)
-  Green (1%)
-  Blue (38%)






-  Red (29%)
-  Yellow (1%)
-  Blue (38%)



-  Cyan (22%)
-  Magenta (97%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (71%)
-  Magenta (99%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B0360 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 4B0360 by changing the saturation by 10% instead.



 4B0360

 4B0360

 FFF9FF

 320048

 7F3B93

 1C0031

 9A55AE

 00011B

 B66ECA

 000000

 D389E6

 F0A4FF

 FFBFFF

 FFD0FF

 4B0360

 4B0360

■ 4A0060

■ 4D0D60

■ 4F1660

■ 522060

■ 542960

■ 563360

■ 583D60

■ 5A4660

■ 5C5060

■ 5F5960

# Harmonies

## Analogous

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



002779



4B0360



69003A

# Triad

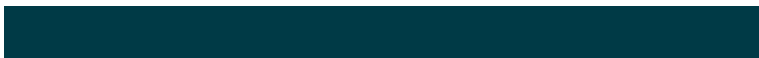
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B0360



412500



003A46

# Complementary

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



4B0360



186003

# 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.



00391C



4B0360



1B3100

# Square

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



4B0360



5C0600



003700



003A6A

# Rectangle

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



4B0360



6D001F



003700



003A39



# Sweetspot

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



4B0360



75597D



031960



3B2940



BFBFBF



404040



# Same Dimension

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



4B0360



61007D



600347



2F2C30



570070



BA00F0



# Inverse Universe

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



600318



7D001C



03601C



302C2D



700019

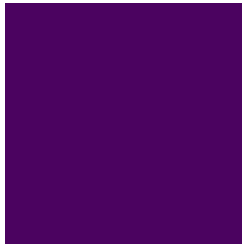


F00036



# Previews

## White Background



This preview shows how the Hex color 4B0360 looks on a white background.

## Color Contrast Check

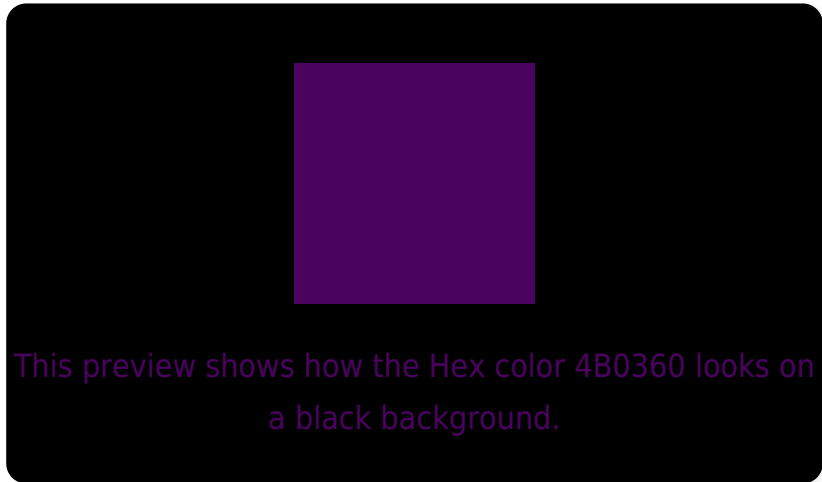
Large Text (above 18pt) WCAG AA ✓ Pass

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

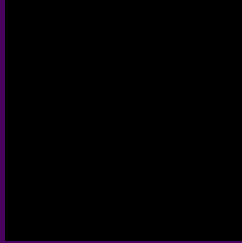
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B0360 Background



This preview shows how black text looks on a background with the Hex color 4B0360.



This preview shows how white text looks on a background with the Hex color 4B0360.

# 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](#).

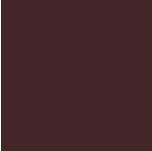
## Dichromacy



**Original Color**  
4B0360

**Protanopia**  
002D5E

**Deuteranopia**  
002F53



**Tritanopia**  
432628

# Trichromacy



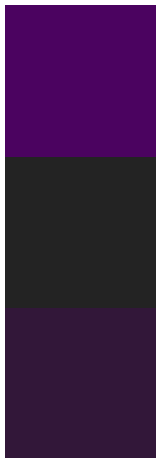
**Original Color**  
4B0360

**Protanomaly**  
1B1E5F

**Deuteranomaly**  
1B1F58

**Tritanomaly**  
46193C

# Monochromacy



**Original Color**  
4B0360

**Achromatopsia**  
232323

**Achromatomaly**  
321739

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B0360 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 #4B0360 looks like.

```
.text, #text, p{  
    color:#4B0360  
}
```

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 #4B0360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0360
}
```

## Border

The CSS property to change the border of an element to Hex 4B0360 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
#4B0360 }
```

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

```
.border{ border-color:#4B0360 }
```

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

Here you see how a box with a 4 pixel #4B0360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0360; -webkit-box-shadow:4px 4px  
4px 4px #4B0360; box-shadow:4px 4px 4px  
4px #4B0360 }
```

# Background

The CSS property to change the background color of an element to Hex 4B0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0360 }
```

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

```
.background{ background-color:#4B0360 }
```

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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