

# Converting Colors

Hex(460094)

Have a look what the booklet for  
Hex(460094) contains.

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# Color

**Hex(460094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	460094
RGB	70, 0, 148
RGB Percent	27%, 0%, 58%
CMY	0.7255, 1.0000, 0.4196
CMYK	0.53, 1.00, 0.00, 0.42
HSL	268°, 100%, 29%
HSV	268°, 100%, 58%
XYZ	7.8711, 3.4402, 28.2661
YIQ	37.8020, -5.7880, 60.8680

# Conversions

## Conversions Part 2

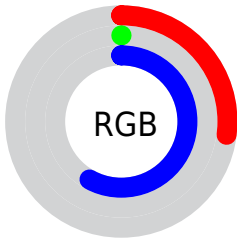
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 0, 148
Decimal	4587668
CIE <sub>Lab</sub>	21.73, 55.32, -62.54
CIE <sub>LCh</sub>	22, 83.496, 311.497
Yxy	3.4402, 0.1989, 0.0869
Android (android.graphics.Color)	4282777748 (0xFF460094)
YUV	37.8020, 54.3276, 28.2376
Hunter-Lab	18.5478, 43.2909, -77.3723

# Details

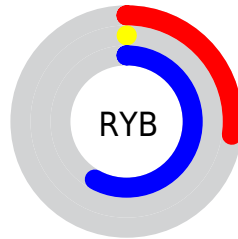
The Hex color **460094** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4E9400**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **803ECB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **460094**, and if you desaturate by 10%, it is **4E0F94**.

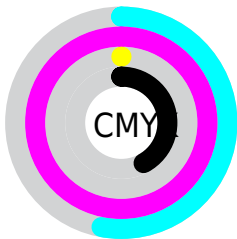
# Distribution



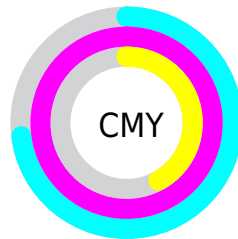
- Red (27%)
- Green (0%)
- Blue (58%)



- Red (27%)
- Yellow (0%)
- Blue (58%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (100%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 460094 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 460094 by changing the saturation by 10% instead.



 460094

 460094

FFFEFF

 260079

 803ECB

 000060

 9C58E8

 000047

 B972FF

 00042F

 D78DFF

 00011A

 F5A8FF

 000000

 FFC4FF

 FFE1FF

 460094

■ 4E0F94

■ 561E94

■ 5D2C94

■ 653B94

■ 6D4A94

■ 755994

■ 7D6894

■ 847694

■ 8C8594

# Harmonies

## Analogous

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



0038B3



460094



87005D

# Triad

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



460094



5F2000



00484C

# Complementary

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



460094



4E9400

# 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.



004604



460094



2B3A00

# Square

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



460094



830000



004300



004988

# Rectangle

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



460094



940035



004300



004736



# Sweetspot

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



460094



A186BF



004F94



4F3E61



E0E0E0



616161



# Same Dimension

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



460094



5A00BF



8F0094



46434A



41008A



05000A



# Inverse Universe

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



94004E



BF0065



059400



4A4346



8A0049

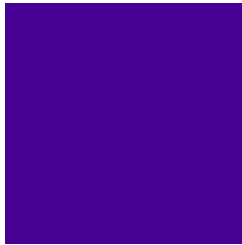


0A0005



# Previews

## White Background



This preview shows how the Hex color 460094 looks on a white background.

## Color Contrast Check

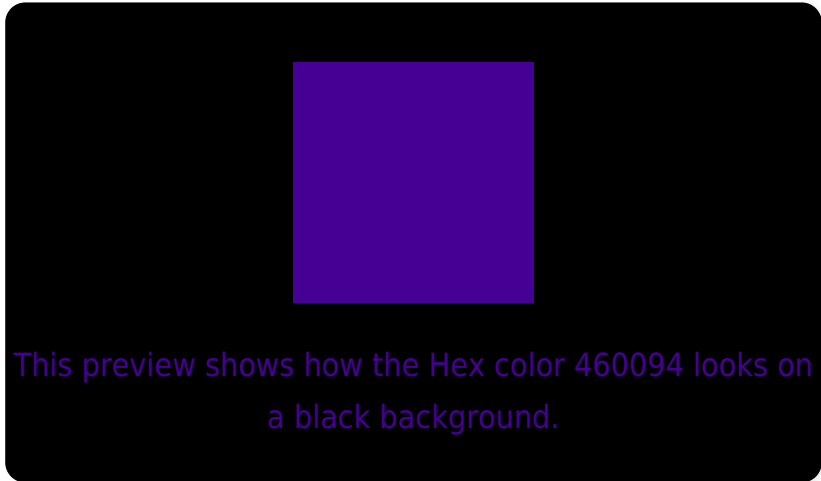
Large Text (above 18pt) WCAG AA ✓ Pass

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

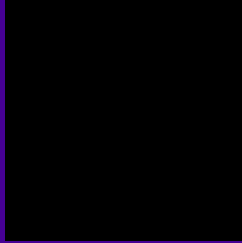
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 460094 Background



This preview shows how black text looks on a background with the Hex color 460094.

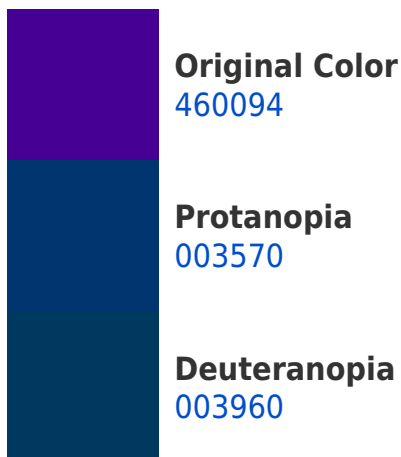


This preview shows how white text looks on a background with the Hex color 460094.

# 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**  
2B3A3E

# Trichromacy



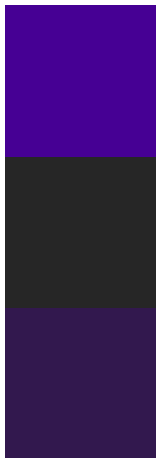
**Original Color**  
460094

**Protanomaly**  
19227D

**Deuteranomaly**  
192473

**Tritanomaly**  
35255D

# Monochromacy



**Original Color**  
460094

**Achromatopsia**  
262626

**Achromatomaly**  
32184E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 460094 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 #460094 looks like.

```
.text, #text, p{  
    color:#460094  
}
```

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 #460094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460094
}
```

## Border

The CSS property to change the border of an element to Hex 460094 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
#460094 }
```

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

```
.border{ border-color:#460094 }
```

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

Here you see how a box with a 4 pixel #460094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460094; -webkit-box-shadow:4px 4px  
4px 4px #460094; box-shadow:4px 4px 4px  
4px #460094 }
```

# Background

The CSS property to change the background color of an element to Hex 460094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460094 }
```

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

```
.background{ background-color:#460094 }
```

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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