

# Converting Colors

Hex(170094)

Have a look what the booklet for  
Hex(170094) contains.

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# Color

**Hex(170094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	170094
RGB	23, 0, 148
RGB Percent	9%, 0%, 58%
CMY	0.9098, 1.0000, 0.4196
CMYK	0.84, 1.00, 0.00, 0.42
HSL	249°, 100%, 29%
HSV	249°, 100%, 58%
XYZ	5.6986, 2.3203, 28.1645
YIQ	23.7490, -33.8000, 50.9040

# Conversions

## Conversions Part 2

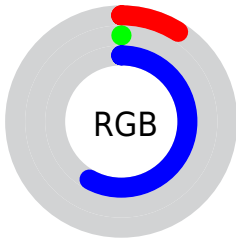
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 0, 148
Decimal	1507476
CIE <sub>Lab</sub>	17.09, 53.09, -70.39
CIE <sub>LCh</sub>	17, 88.162, 307.023
Yxy	2.3203, 0.1575, 0.0641
Android (android.graphics.Color)	4279697556 (0xFF170094)
YUV	23.7490, 61.2557, -0.6569
Hunter-Lab	15.2325, 40.1222, -98.9632

# Details

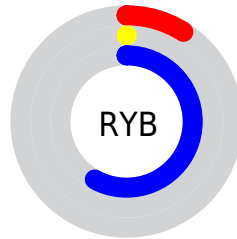
The Hex color **170094** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **7D9400**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **6037CC**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **170094**, and if you desaturate by 10%, it is **230F94**.

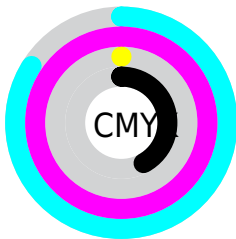
# Distribution



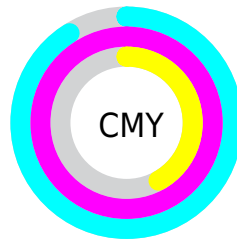
- Red (9%)
- Green (0%)
- Blue (58%)



- Red (9%)
- Yellow (0%)
- Blue (58%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (100%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 170094 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 170094 by changing the saturation by 10% instead.



 170094

 170094

 FFF4FF

 000079

 6037CC

 000060

 7E51E8

 000847

 9C6AFF

 00042F

 B984FF

 00011A

 D79FFF

 000000

 F5BBFF

 FFD7FF

 170094

■ 230F94

■ 301E94

■ 3D2C94

■ 493B94

■ 564A94

■ 625994

■ 6F6894

■ 7B7694

■ 888594

# Harmonies

## Analogous

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



0034AF



170094



78005D

# Triad

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



170094



590900



003C38

# Complementary

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



170094



7D9400

# 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.



003B00



170094



282D00

# Square

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



170094



7C0000



003700



003F78

# Rectangle

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



170094



890034



003700



003B22



# Sweetspot

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



170094



8F86BF



007E94



433E61



E0E0E0



616161



# Same Dimension

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



170094



1E00BF



600094



44434A



15008A



02000A



# Inverse Universe

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



94007D



BF00A2



349400



4A4349



8A0074

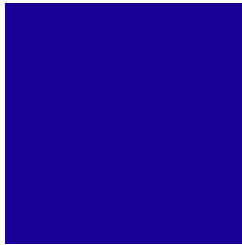


0A0009



# Previews

## White Background



This preview shows how the Hex color 170094 looks on a white background.

## Color Contrast Check

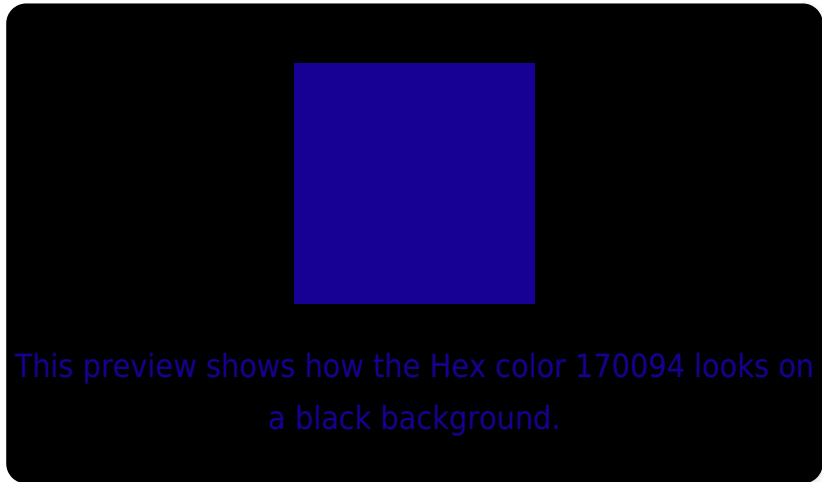
Large Text (above 18pt) WCAG AA ✓ Pass

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

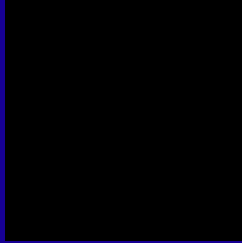
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 170094 Background



This preview shows how black text looks on a background with the Hex color 170094.



This preview shows how white text looks on a background with the Hex color 170094.

# 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**  
170094

**Protanopia**  
002C5D

**Deuteranopia**  
002F4F



# Trichromacy



**Original Color**  
170094

**Protanomaly**  
081C71

**Deuteranomaly**  
081E68

**Tritanomaly**  
082058

# Monochromacy



**Original Color**  
170094

**Achromatopsia**  
181818

**Achromatomaly**  
180F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 170094 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 #170094 looks like.

```
.text, #text, p{  
    color:#170094  
}
```

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 #170094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170094
}
```

## Border

The CSS property to change the border of an element to Hex 170094 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
#170094 }
```

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

```
.border{ border-color:#170094 }
```

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

Here you see how a box with a 4 pixel #170094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170094; -webkit-box-shadow:4px 4px  
4px 4px #170094; box-shadow:4px 4px 4px  
4px #170094 }
```

# Background

The CSS property to change the background color of an element to Hex 170094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170094 }
```

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

```
.background{ background-color:#170094 }
```

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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