

Converting Colors

Hex(120094)

Have a look what the booklet for
Hex(120094) contains.

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Color

Hex(120094)

Conversions

Conversions Part 1

Format	Color
Hex	120094
RGB	18, 0, 148
RGB Percent	7%, 0%, 58%
CMY	0.9294, 1.0000, 0.4196
CMYK	0.88, 1.00, 0.00, 0.42
HSL	247°, 100%, 29%
HSV	247°, 100%, 58%
XYZ	5.5947, 2.2667, 28.1596
YIQ	22.2540, -36.7800, 49.8440

Conversions

Conversions Part 2

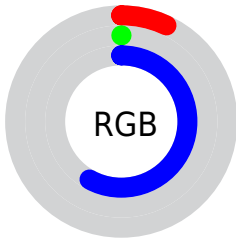
Format	Color
R_{YB}	18, 0, 148
Decimal	1179796
CIE Lab	16.83, 52.99, -70.82
CIE LCh	17, 88.455, 306.807
Yxy	2.2667, 0.1553, 0.0629
Android (android.graphics.Color)	4279369876 (0xFF120094)
YUV	22.2540, 61.9928, -3.7308
Hunter-Lab	15.0556, 39.9842, -100.3555

Details

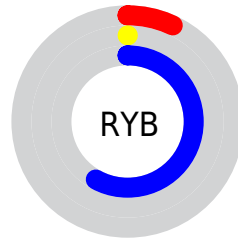
The Hex color **120094** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **829400**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5E37CC**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **120094**, and if you desaturate by 10%, it is **1F0F94**.

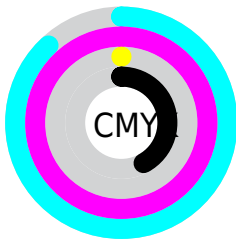
Distribution



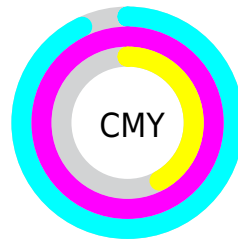
- Red (7%)
- Green (0%)
- Blue (58%)



- Red (7%)
- Yellow (0%)
- Blue (58%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (93%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120094 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 120094 by changing the saturation by 10% instead.

 120094

 120094

 FFF3FF

 000079

 5E37CC

 000060

 7C50E8

 000847

 9A6AFF

 00042F

 B884FF

 00011A

 D69FFF

 000000

 F4BAFF

 FFD6FF

 120094

■ 1F0F94

■ 2C1E94

■ 392C94

■ 463B94

■ 534A94

■ 605994

■ 6D6894

■ 7A7694

■ 878594

Harmonies

Analogous

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



0033AF



120094



77005D

Triad

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



120094



590700



003B37

Complementary

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



120094



829400

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.



003A00



120094



272D00

Square

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



120094



7C0000



003700



003F77

Rectangle

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



120094



890034



003700



003B21

Sweetspot

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



120094



8D86BF



008394



423E61



E0E0E0



616161

Same Dimension

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



120094



1700BF



5B0094



43434A



11008A



01000A

Inverse Universe

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



940082



BF00A8



399400



4A4349



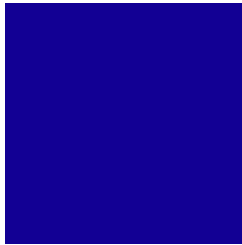
8A0079



0A0009

Previews

White Background



This preview shows how the Hex color 120094 looks on a white background.

Color Contrast Check

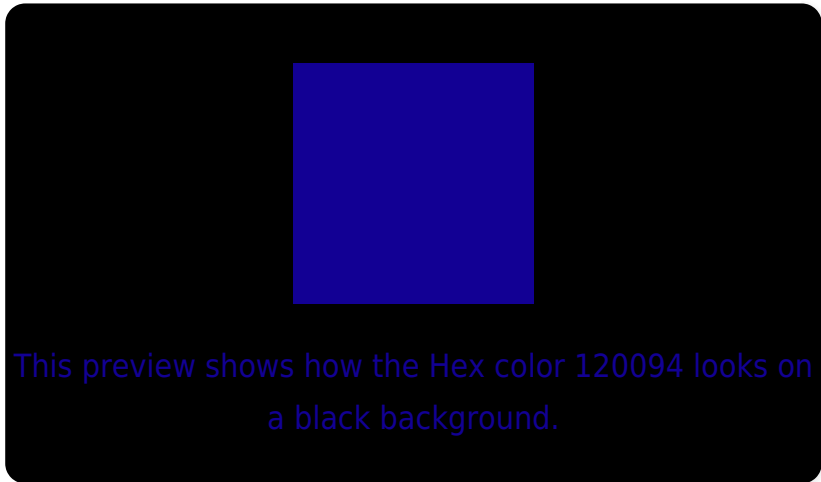
Large Text (above 18pt) WCAG AA ✓ Pass

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

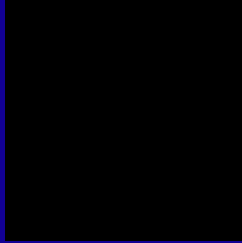
Any Text WCAG AA × Fail

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 120094 Background



This preview shows how black text looks on a background with the Hex color 120094.



This preview shows how white text looks on a background with the Hex color 120094.

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

120094

Protanopia

002C5C

Deuteranopia

002F4E

Trichromacy



Original Color
120094

Protanomaly
071C70

Deuteranomaly
071E67

Tritanomaly
072058

Monochromacy



Original Color
120094

Achromatopsia
161616

Achromatomaly
150E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 120094 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 #120094 looks like.

```
.text, #text, p{  
    color:#120094  
}
```

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 #120094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120094
}
```

Border

The CSS property to change the border of an element to Hex 120094 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
#120094 }
```

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

```
.border{ border-color:#120094 }
```

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

Here you see how a box with a 4 pixel #120094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120094; -webkit-box-shadow:4px 4px  
4px 4px #120094; box-shadow:4px 4px 4px  
4px #120094 }
```

Background

The CSS property to change the background color of an element to Hex 120094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120094 }
```

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

```
.background{ background-color:#120094 }
```

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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