

Converting Colors

Hex(130095)

Have a look what the booklet for
Hex(130095) contains.

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Color

Hex(130095)

Conversions

Conversions Part 1

Format	Color
Hex	130095
RGB	19, 0, 149
RGB Percent	7%, 0%, 58%
CMY	0.9255, 1.0000, 0.4157
CMYK	0.87, 1.00, 0.00, 0.42
HSL	248°, 100%, 29%
HSV	248°, 100%, 58%
XYZ	5.6934, 2.3084, 28.5793
YIQ	22.6670, -36.5050, 50.3670

Conversions

Conversions Part 2

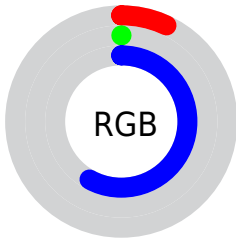
Format	Color
R_{YB}	19, 0, 149
Decimal	1245333
CIE _{Lab}	17.03, 53.27, -71.11
CIE _{LCh}	17, 88.848, 306.838
Yxy	2.3084, 0.1556, 0.0631
Android (android.graphics.Color)	4279435413 (0xFF130095)
YUV	22.6670, 62.2822, -3.2160
Hunter-Lab	15.1933, 40.3007, -100.8915

Details

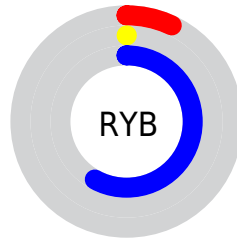
The Hex color **130095** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **829500**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5F37CD**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **130095**, and if you desaturate by 10%, it is **200F95**.

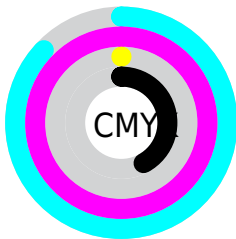
Distribution



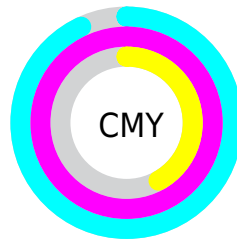
- Red (7%)
- Green (0%)
- Blue (58%)



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



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 130095 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 130095 by changing the saturation by 10% instead.

 130095

 130095

 FFF4FF

 00007A

 5F37CD

 000061

 7D50E9

 000848

 9B6AFF

 000430

 B884FF

 00011A

 D69FFF

 000000

 F5BBFF

 FFD7FF

 130095

■ 200F95

■ 2D1E95

■ 3A2D95

■ 473C95

■ 544B95

■ 615995

■ 6E6895

■ 7B7795

■ 888695

Harmonies

Analogous

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



0034B0



130095



78005E

Triad

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



130095



5A0700



003C38

Complementary

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



130095



829500

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



130095



282D00

Square

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



130095



7D0000



003700



003F78

Rectangle

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



130095



8A0034



003700



003B21

Sweetspot

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



130095



8F88C2



008495



423E61



E0E0E0



616161

Same Dimension

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



130095



1900C2



5C0095



43434A



12008A



01000A

Inverse Universe

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



950082



C200A9



399500



4A4349



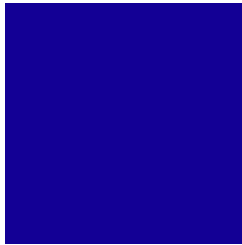
8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 130095 looks on a white background.

Color Contrast Check

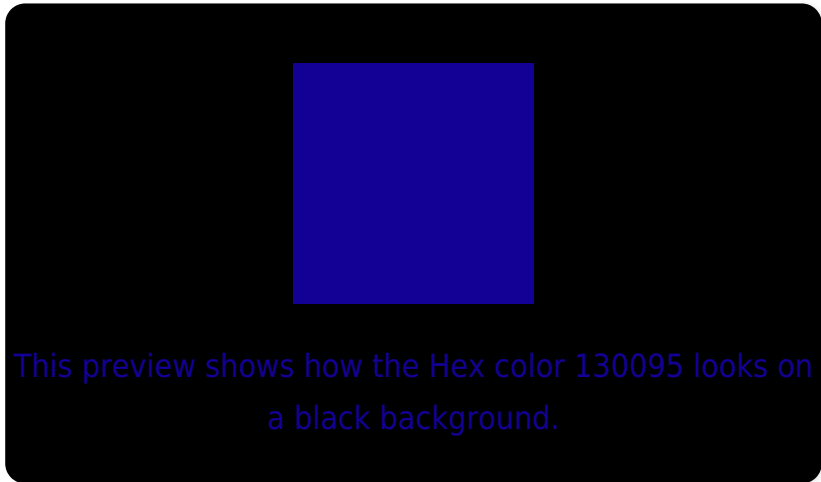
Large Text (above 18pt) WCAG AA ✓ Pass

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

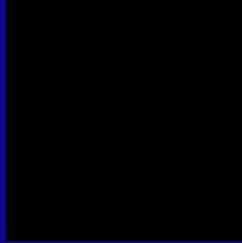
Any Text WCAG AA × Fail

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 130095 Background



This preview shows how black text looks on a background with the Hex color 130095.



This preview shows how white text looks on a background with the Hex color 130095.

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
130095

Protanopia
002C5D

Deuteranopia
002F4E

Trichromacy



Original Color
130095

Protanomaly
071C71

Deuteranomaly
071E68

Tritanomaly
072058

Monochromacy



Original Color
130095

Achromatopsia
171717

Achromatomaly
160F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 130095 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 #130095 looks like.

```
.text, #text, p{  
    color:#130095  
}
```

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 #130095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130095
}
```

Border

The CSS property to change the border of an element to Hex 130095 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
#130095 }
```

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

```
.border{ border-color:#130095 }
```

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

Here you see how a box with a 4 pixel #130095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130095; -webkit-box-shadow:4px 4px  
4px 4px #130095; box-shadow:4px 4px 4px  
4px #130095 }
```

Background

The CSS property to change the background color of an element to Hex 130095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130095 }
```

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

```
.background{ background-color:#130095 }
```

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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