

Converting Colors

Hex(121795)

Have a look what the booklet for
Hex(121795) contains.

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Color

Hex(121795)

Conversions

Conversions Part 1

Format	Color
Hex	121795
RGB	18, 23, 149
RGB Percent	7%, 9%, 58%
CMY	0.9294, 0.9098, 0.4157
CMYK	0.88, 0.85, 0.00, 0.42
HSL	238°, 78%, 33%
HSV	238°, 88%, 58%
XYZ	5.9807, 2.9113, 28.6805
YIQ	35.8690, -43.4260, 38.1260

Conversions

Conversions Part 2

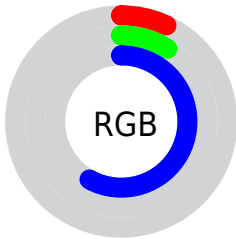
Format	Color
R_{YB}	18, 23, 149
Decimal	1185685
CIE _{Lab}	19.69, 45.06, -66.68
CIE _{LCh}	20, 80.475, 304.048
Yxy	2.9113, 0.1592, 0.0775
Android (android.graphics.Color)	4279375765 (0xFF121795)
YUV	35.8690, 55.7736, -15.6711
Hunter-Lab	17.0626, 32.7071, -87.7168

Details

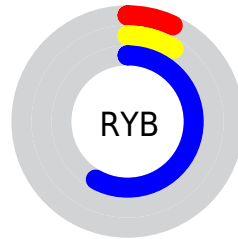
The Hex color **121795** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **959012**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5D46CC**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **030995**, and if you desaturate by 10%, it is **212595**.

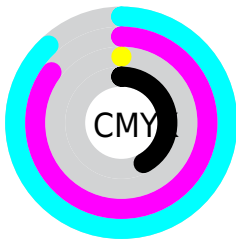
Distribution



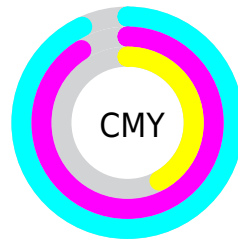
- Red (7%)
- Green (9%)
- Blue (58%)



- Red (7%)
- Yellow (9%)
- Blue (58%)



- Cyan (88%)
- Magenta (85%)
- Yellow (0%)
- Black (42%)



- Cyan (93%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121795 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 121795 by changing the saturation by 10% instead.

■ 121795

■ 121795

FFFFFF

■ 00017A

■ 5D46CC

■ 000061

■ 7B5EE9

■ 000848

■ 9878FF

■ 000430

■ B692FF

■ 00011B

■ D3ADFF

■ 000000

■ F1C9FF

■ FFE5FF

■ 121795

■ 121795

■ 030995

■ 212595

■ 000695

■ 303495

■ 3F4295

■ 4E5095

■ 5C5F95

■ 6B6D95

■ 7A7B95

■ 898A95

■ 989895

Harmonies

Analogous

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



0039AB



121795



750065

Triad

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



121795



620F00



004237

Complementary

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



121795



959012

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.



004000



121795



353100

Square

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



121795



810000



003C00



004472

Rectangle

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



121795



88003E



003C00



004222

Sweetspot

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



121795



8F91C2



12958E



434461



E0E0E0



616161

Same Dimension

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



121795



0007C2



4D1295



43434A



00058A



00000A

Inverse Universe

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



951217



C20007



5A9512



4A4343



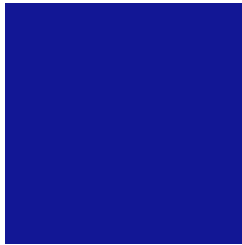
8A0005



0A0000

Previews

White Background



This preview shows how the Hex color 121795 looks on a white background.

Color Contrast Check

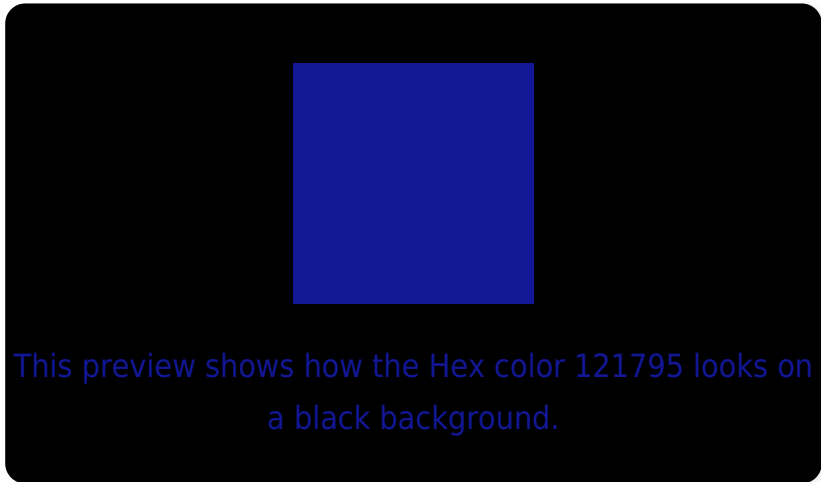
Large Text (above 18pt) WCAG AA ✓ Pass

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

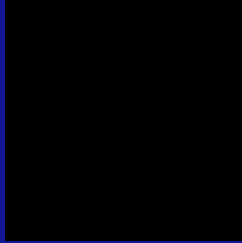
Any Text WCAG AA × Fail

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 121795 Background



This preview shows how black text looks on a background with the Hex color 121795.



This preview shows how white text looks on a background with the Hex color 121795.

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
121795

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
121795

Protanomaly
072675

Deuteranomaly
07286C

Tritanomaly
072B5A

Monochromacy



Original Color
121795

Achromatopsia
242424

Achromatomaly
1D1F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 121795 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 #121795 looks like.

```
.text, #text, p{  
    color:#121795  
}
```

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 #121795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121795
}
```

Border

The CSS property to change the border of an element to Hex 121795 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
#121795 }
```

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

```
.border{ border-color:#121795 }
```

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

Here you see how a box with a 4 pixel #121795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121795; -webkit-box-shadow:4px 4px  
4px 4px #121795; box-shadow:4px 4px 4px  
4px #121795 }
```

Background

The CSS property to change the background color of an element to Hex 121795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121795 }
```

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

```
.background{ background-color:#121795 }
```

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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