

# Converting Colors

Hex(127299)

Have a look what the booklet for  
Hex(127299) contains.

<b>Hex(127299)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(127299)

# Conversions

## Conversions Part 1

Format	Color
Hex	127299
RGB	18, 114, 153
RGB Percent	7%, 45%, 60%
CMY	0.9294, 0.5529, 0.4000
CMYK	0.88, 0.25, 0.00, 0.40
HSL	197°, 79%, 34%
HSV	197°, 88%, 60%
XYZ	12.0165, 14.4631, 32.2953
YIQ	89.7420, -69.7350, -8.2230

# Conversions

## Conversions Part 2

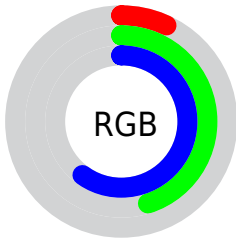
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 74, 153
Decimal	1208985
CIELab	44.89, -11.51, -28.40
CIELCh	45, 30.641, 247.939
Yxy	14.4631, 0.2044, 0.2461
Android (android.graphics.Color)	4279399065 (0xFF127299)
YUV	89.7420, 31.1862, -62.9177
Hunter-Lab	38.0304, -10.1523, -23.7276

# Details

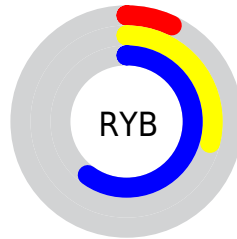
The Hex color **127299** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **993912**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AA6D0**, and **004266** is the 20% darker color. If you saturate the color by 10%, you get **036E99**, and if you desaturate by 10%, it is **217699**.

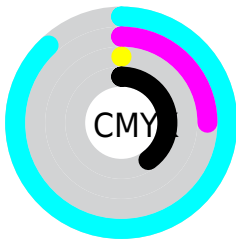
# Distribution



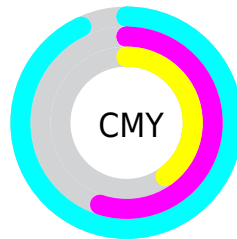
- Red (7%)
- Green (45%)
- Blue (60%)



- Red (7%)
- Yellow (29%)
- Blue (60%)



- Cyan (88%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (93%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 127299 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 127299 by changing the saturation by 10% instead.



■ 127299

■ 127299

FFFFFF

■ 005A7F

■ 5AA6D0

■ 004266

■ 77C1EC

■ 002C4E

■ 94DDFF

■ 001836

■ B1F9FF

■ 000221

■ CEFFFF

■ 000006

■ ECFFFF

■ 000000

■ 127299

■ 127299

■ 036E99

■ 217699

■ 006D99

■ 317B99

■ 407F99

■ 4F8499

■ 5E8899

■ 6E8D99

■ 7D9199

■ 8C9599

■ 9C9A99

# Harmonies

## Analogous

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



007689



127299



4E6A9D

# Triad

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



127299



9B5664



587241

# Complementary

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



127299



993912

# 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.



746B37



127299



985A4C

# Square

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



127299



8F597E



8A623B



377656

# Rectangle

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



127299



6A6497



8A623B



62703C



# Sweetspot

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



127299



93B8C7



129938



455B63



E3E3E3



636363



# Same Dimension

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



127299



008DC7



122F99



454A4D



00648C



00090D



# Inverse Universe

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



991272



C7008D



997C12



4D454A



8C0064



0D0009



# Previews

## White Background



This preview shows how the Hex color 127299 looks on a white background.

## Color Contrast Check

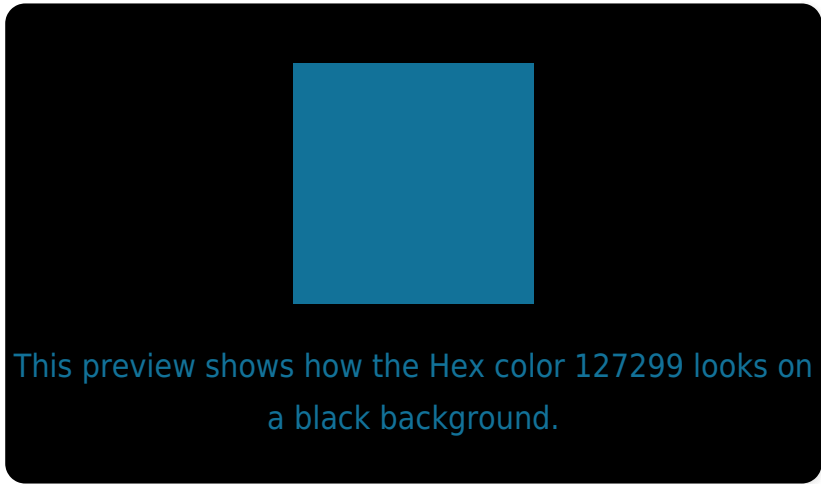
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

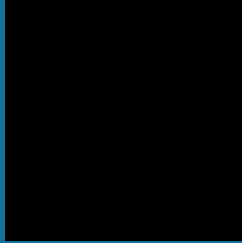
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 127299 Background



This preview shows how black text looks on a background with the Hex color 127299.

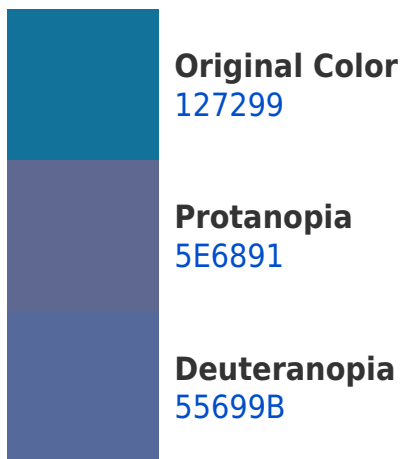


This preview shows how white text looks on a background with the Hex color 127299.

# 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



# Trichromacy



**Original Color**  
127299

**Protanomaly**  
426C94

**Deuteranomaly**  
3D6C9A

# Monochromacy



**Original Color**  
127299

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
406371

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 127299 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 #127299 looks like.

```
.text, #text, p{  
    color:#127299  
}
```

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 #127299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127299
}
```

## Border

The CSS property to change the border of an element to Hex 127299 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
#127299 }
```

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

```
.border{ border-color:#127299 }
```

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

Here you see how a box with a 4 pixel #127299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127299; -webkit-box-shadow:4px 4px  
4px 4px #127299; box-shadow:4px 4px 4px  
4px #127299 }
```

# Background

The CSS property to change the background color of an element to Hex 127299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127299 }
```

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

```
.background{ background-color:#127299 }
```

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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