

Converting Colors

Hex(177099)

Have a look what the booklet for
Hex(177099) contains.

Hex(177099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(177099)

Conversions

Conversions Part 1

Format	Color
Hex	177099
RGB	23, 112, 153
RGB Percent	9%, 44%, 60%
CMY	0.9098, 0.5608, 0.4000
CMYK	0.85, 0.27, 0.00, 0.40
HSL	199°, 74%, 35%
HSV	199°, 85%, 60%
XYZ	11.8973, 14.0704, 32.2258
YIQ	90.0630, -66.2050, -6.1170

Conversions

Conversions Part 2

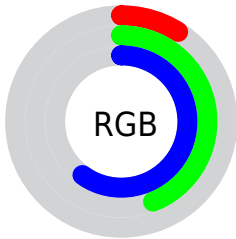
Format	Color
R_{YB}	23, 76, 153
Decimal	1536153
CIE _{Lab}	44.33, -9.94, -29.26
CIE _{LCh}	44, 30.904, 251.230
Yxy	14.0704, 0.2044, 0.2418
Android (android.graphics.Color)	4279726233 (0xFF177099)
YUV	90.0630, 31.0279, -58.8143
Hunter-Lab	37.5105, -9.0283, -24.6794

Details

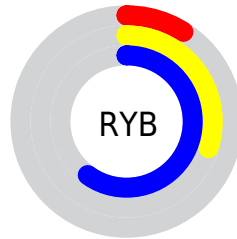
The Hex color **177099** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **994017**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5CA4D0**, and **004066** is the 20% darker color. If you saturate the color by 10%, you get **086B99**, and if you desaturate by 10%, it is **267599**.

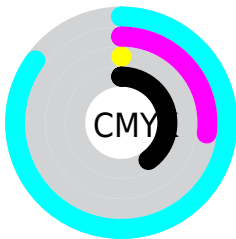
Distribution



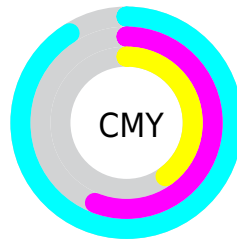
- Red (9%)
- Green (44%)
- Blue (60%)



- Red (9%)
- Yellow (30%)
- Blue (60%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 177099 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 177099 by changing the saturation by 10% instead.

■ 177099

■ 177099

FFFFFF

■ 00587F

■ 5CA4D0

■ 004066

■ 79BFEC

■ 002A4D

■ 95DBFF

■ 001736

■ B2F7FF

■ 000221

■ D0FFFF

■ 000005

■ EDFFFF

■ 000000

■ 177099

■ 177099

■ 086B99

■ 267599

■ 006999

■ 367A99

■ 457E99

■ 548399

■ 648899

■ 738D99

■ 829299

■ 919799

■ A19B99

Harmonies

Analogous

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



00758A



177099



52689B

Triad

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



177099



9A5460



537141

Complementary

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



177099



994017

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.



706A35



177099



965948

Square

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



177099



90567A



876238



317557

Rectangle

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



177099



6D6295



876238



5D6F3C

Sweetspot

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



177099



95B7C7



17993E



465A63



E3E3E3



636363

Same Dimension

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



177099



0088C7



173199



454A4D



00608C



00090D

Inverse Universe

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



991770



C70088



997F17



4D454A



8C0060



0D0009

Previews

White Background



This preview shows how the Hex color 177099 looks on a white background.

Color Contrast Check

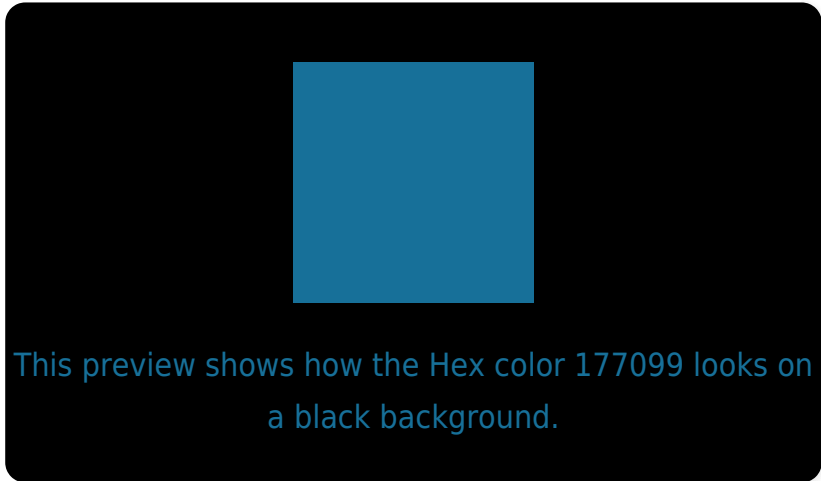
Large Text (above 18pt) WCAG AA ✓ Pass

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

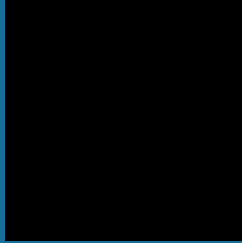
Any Text WCAG AA × Fail

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 177099 Background



This preview shows how black text looks on a background with the Hex color 177099.



This preview shows how white text looks on a background with the Hex color 177099.

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](#).

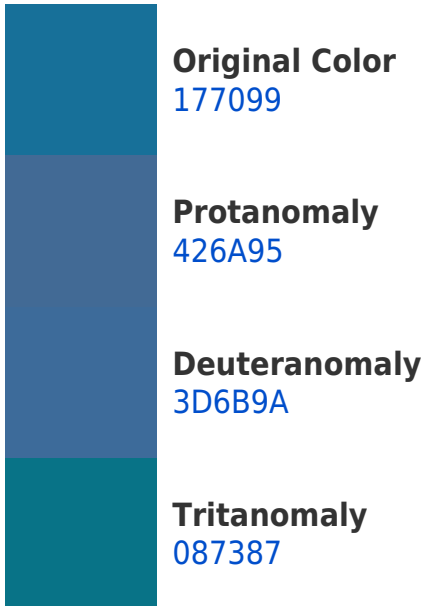
Dichromacy



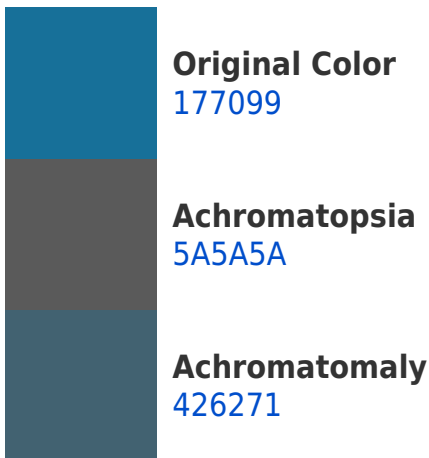


Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 177099 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 #177099 looks like.

```
.text, #text, p{  
    color:#177099  
}
```

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 #177099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #177099
}
```

Border

The CSS property to change the border of an element to Hex 177099 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
#177099 }
```

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

```
.border{ border-color:#177099 }
```

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

Here you see how a box with a 4 pixel #177099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #177099; -webkit-box-shadow:4px 4px  
4px 4px #177099; box-shadow:4px 4px 4px  
4px #177099 }
```

Background

The CSS property to change the background color of an element to Hex 177099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#177099 }
```

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

```
.background{ background-color:#177099 }
```

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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