

Converting Colors

Hex(177599)

Have a look what the booklet for
Hex(177599) contains.

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Color

Hex(177599)

Conversions

Conversions Part 1

Format	Color
Hex	177599
RGB	23, 117, 153
RGB Percent	9%, 46%, 60%
CMY	0.9098, 0.5412, 0.4000
CMYK	0.85, 0.24, 0.00, 0.40
HSL	197°, 74%, 35%
HSV	197°, 85%, 60%
XYZ	12.4644, 15.2046, 32.4148
YIQ	92.9980, -67.5800, -8.7320

Conversions

Conversions Part 2

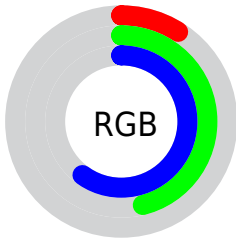
Format	Color
R_{YB}	23, 78, 153
Decimal	1537433
CIE _{Lab}	45.91, -12.84, -26.80
CIE _{LCh}	46, 29.714, 244.399
Yxy	15.2046, 0.2075, 0.2531
Android (android.graphics.Color)	4279727513 (0xFF177599)
YUV	92.9980, 29.5810, -61.3882
Hunter-Lab	38.9931, -11.1793, -21.9923

Details

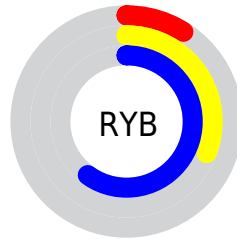
The Hex color **177599** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **993B17**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CA9CF**, and **004566** is the 20% darker color. If you saturate the color by 10%, you get **087199**, and if you desaturate by 10%, it is **267999**.

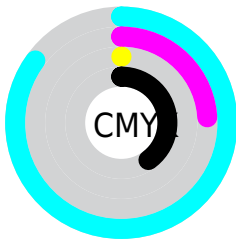
Distribution



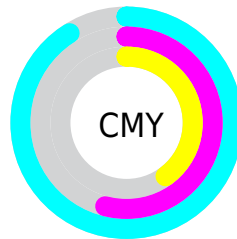
- Red (9%)
- Green (46%)
- Blue (60%)



- Red (9%)
- Yellow (31%)
- Blue (60%)



- Cyan (85%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 177599 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 177599 by changing the saturation by 10% instead.

■ 177599

■ 177599

FFFFFF

■ 005C7F

■ 5CA9CF

■ 004566

■ 79C4EC

■ 002E4E

■ 96E0FF

■ 001B37

■ B3FDFF

■ 000221

■ D0FFFF

■ 000006

■ EEEFFF

■ 000000

■ 177599

■ 177599

■ 087199

■ 267999

■ 006F99

■ 367D99

■ 458299

■ 548699

■ 648A99

■ 738E99

■ 829399

■ 919799

■ A19B99

Harmonies

Analogous

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



007988



177599



4D6E9E

Triad

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



177599



9C596A



5F7443

Complementary

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



177599



993B17

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.



796C3A



177599



9B5C52

Square

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



177599



8F5D83



8E6440



407856

Rectangle

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



177599



68689A



8E6440



68713E

Sweetspot

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



177599



95B9C7



17993A



465B63



E3E3E3



636363

Same Dimension

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



177599



0090C7



173599



454A4D



00658C



00090D

Inverse Universe

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



991775



C70090



997B17



4D454A



8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 177599 looks on a white background.

Color Contrast Check

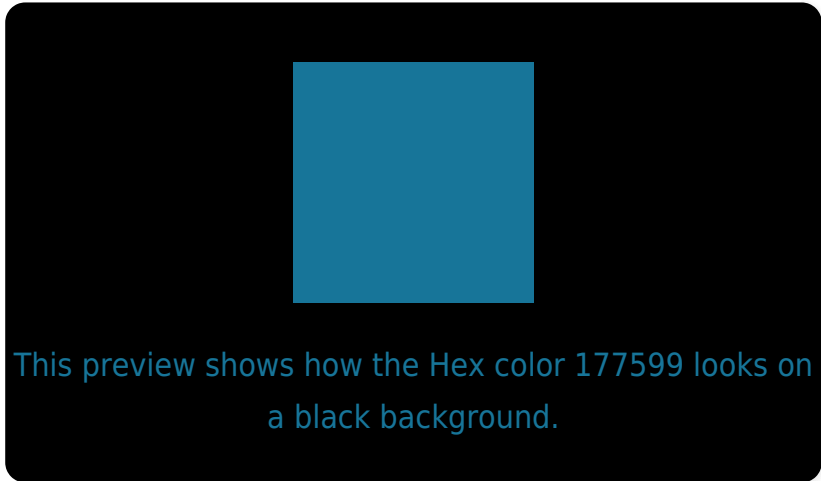
Large Text (above 18pt) WCAG AA ✓ Pass

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

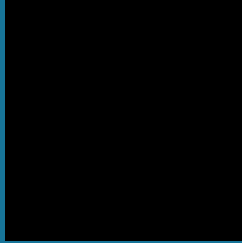
Any Text WCAG AA × Fail

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 177599 Background



This preview shows how black text looks on a background with the Hex color 177599.

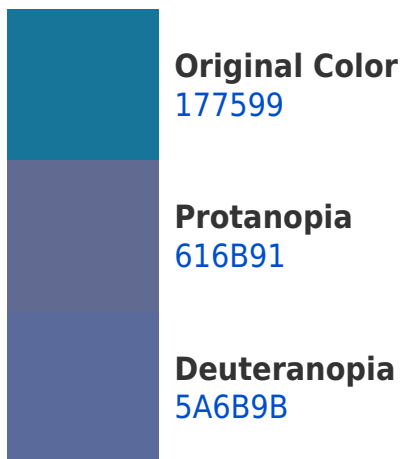


This preview shows how white text looks on a background with the Hex color 177599.

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
177599

Protanomaly
466F94

Deuteranomaly
426F9A

Tritanomaly
08778A

Monochromacy



Original Color
177599

Achromatopsia
5D5D5D

Achromatomaly
446673

CSS Examples

Text

The CSS property to change the color of the text to Hex 177599 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 #177599 looks like.

```
.text, #text, p{  
    color:#177599  
}
```

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 #177599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #177599
}
```

Border

The CSS property to change the border of an element to Hex 177599 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
#177599 }
```

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

```
.border{ border-color:#177599 }
```

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

Here you see how a box with a 4 pixel #177599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #177599; -webkit-box-shadow:4px 4px  
4px 4px #177599; box-shadow:4px 4px 4px  
4px #177599 }
```

Background

The CSS property to change the background color of an element to Hex 177599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#177599 }
```

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

```
.background{ background-color:#177599 }
```

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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