

Converting Colors

Hex(207799)

Have a look what the booklet for
Hex(207799) contains.

Hex(207799)	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(207799)

Conversions

Conversions Part 1

Format	Color
Hex	207799
RGB	32, 119, 153
RGB Percent	13%, 47%, 60%
CMY	0.8745, 0.5333, 0.4000
CMYK	0.79, 0.22, 0.00, 0.40
HSL	197°, 65%, 36%
HSV	197°, 79%, 60%
XYZ	12.9423, 15.8006, 32.5047
YIQ	96.8630, -62.7660, -7.8700

Conversions

Conversions Part 2

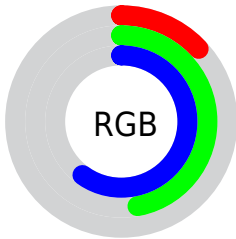
Format	Color
R_{YB}	32, 83, 153
Decimal	2127769
CIE _{Lab}	46.71, -13.08, -25.54
CIE _{LCh}	47, 28.696, 242.891
Yxy	15.8006, 0.2113, 0.2580
Android (android.graphics.Color)	4280317849 (0xFF207799)
YUV	96.8630, 27.6755, -56.8849
Hunter-Lab	39.7500, -11.4445, -20.6581

Details

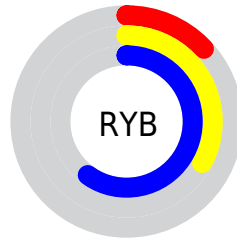
The Hex color **207799** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **994220**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **61ABCF**, and **004766** is the 20% darker color. If you saturate the color by 10%, you get **117399**, and if you desaturate by 10%, it is **2F7B99**.

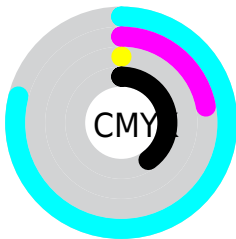
Distribution



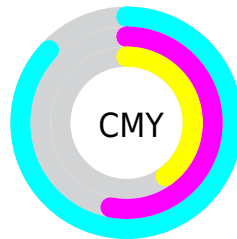
- Red (13%)
- Green (47%)
- Blue (60%)



- Red (13%)
- Yellow (33%)
- Blue (60%)



- Cyan (79%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207799 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 207799 by changing the saturation by 10% instead.

■ 207799

■ 207799

FFFFFF

■ 005E7F

■ 61ABCF

■ 004766

■ 7DC7EC

■ 00304E

■ 9AE3FF

■ 001C37

■ B7FFFF

■ 000221

■ D4FFFF

■ 000006

■ F2FFFF

■ 000000

■ 207799

■ 207799

■ 117399

■ 2F7B99

■ 016E99

■ 3F8099

■ 006E99

■ 4E8499

■ 5D8899

■ 6C8C99

■ 7C9199

■ 8B9599

■ 9A9999

■ AA9E99

Harmonies

Analogous

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



007B88



207799



4F709F

Triad

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



207799



9C5C6D



637545

Complementary

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



207799



994220

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.



7C6E3E



207799



9C5E56

Square

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



207799



8F5F85



906644



457A58

Rectangle

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



207799



696B9B



906644



6C7341

Sweetspot

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



207799



97B9C7



209940



475B63



E3E3E3



636363

Same Dimension

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



207799



0A92C7



203C99



454A4D



00658C



00090D

Inverse Universe

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



992077



C70A92



997D20



4D454A



8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 207799 looks on a white background.

Color Contrast Check

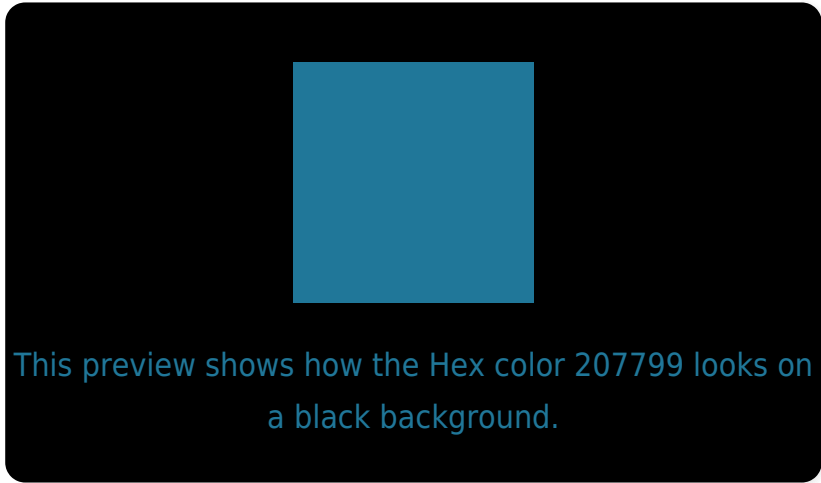
Large Text (above 18pt) WCAG AA ✓ Pass

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

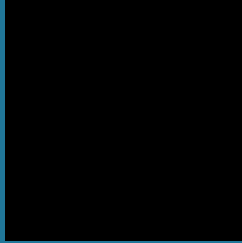
Any Text WCAG AA × Fail

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 207799 Background



This preview shows how black text looks on a background with the Hex color 207799.

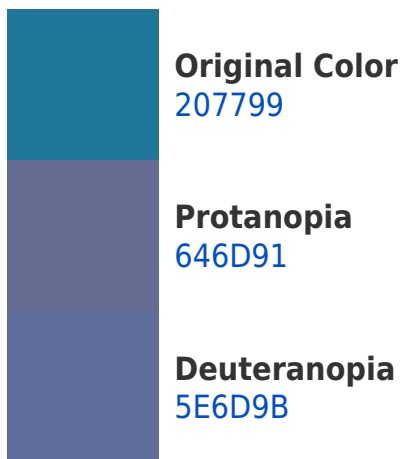


This preview shows how white text looks on a background with the Hex color 207799.

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](#).

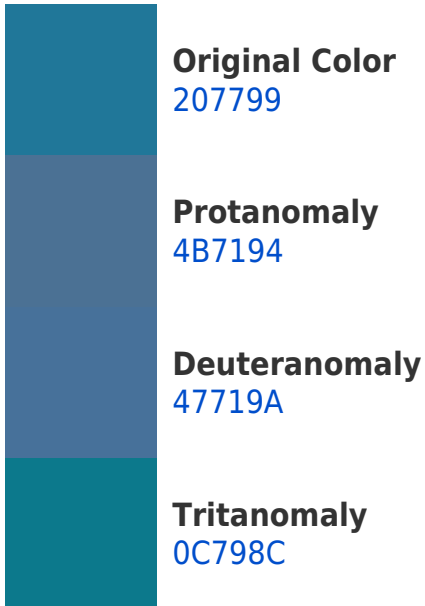
Dichromacy





Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 207799 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 #207799 looks like.

```
.text, #text, p{  
    color:#207799  
}
```

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 #207799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207799
}
```

Border

The CSS property to change the border of an element to Hex 207799 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
#207799 }
```

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

```
.border{ border-color:#207799 }
```

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

Here you see how a box with a 4 pixel #207799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207799; -webkit-box-shadow:4px 4px  
4px 4px #207799; box-shadow:4px 4px 4px  
4px #207799 }
```

Background

The CSS property to change the background color of an element to Hex 207799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207799 }
```

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

```
.background{ background-color:#207799 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor