

Converting Colors

Hex(218799)

Have a look what the booklet for
Hex(218799) contains.

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Color

Hex(218799)

Conversions

Conversions Part 1

Format	Color
Hex	218799
RGB	33, 135, 153
RGB Percent	13%, 53%, 60%
CMY	0.8706, 0.4706, 0.4000
CMYK	0.78, 0.12, 0.00, 0.40
HSL	189°, 65%, 36%
HSV	189°, 78%, 60%
XYZ	15.0409, 19.9512, 33.1952
YIQ	106.5540, -66.5700, -16.0260

Conversions

Conversions Part 2

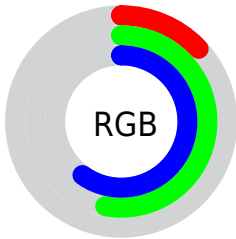
Format	Color
R_{YB}	33, 88, 153
Decimal	2197401
CIE _{Lab}	51.78, -21.72, -17.74
CIE _{LCh}	52, 28.043, 219.248
Yxy	19.9512, 0.2206, 0.2926
Android (android.graphics.Color)	4280387481 (0xFF218799)
YUV	106.5540, 22.8979, -64.5069
Hunter-Lab	44.6668, -18.0593, -12.7961

Details

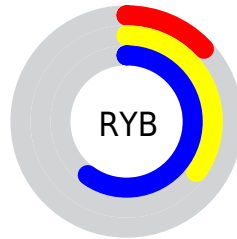
The Hex color **218799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993321**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **63BDCF**, and **005566** is the 20% darker color. If you saturate the color by 10%, you get **128599**, and if you desaturate by 10%, it is **308999**.

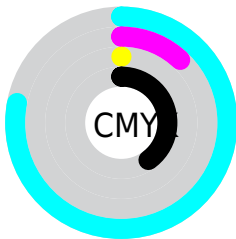
Distribution



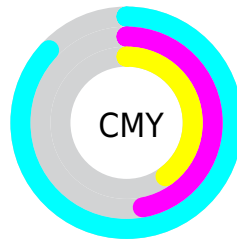
- Red (13%)
- Green (53%)
- Blue (60%)



- Red (13%)
- Yellow (35%)
- Blue (60%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218799 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 218799 by changing the saturation by 10% instead.

 218799

 218799

FFFFFF

 006D7F

 63BDCF

 005566

 80D8EC

 003D4E

 9CF5FF

 002737

 BAF5FF

 000E22

 D7F5FF

 000009

 F5F5FF

 000000

 218799

 218799

 128599

 308999

■ 028299

■ 408C99

■ 008299

■ 4F8E99

■ 5E9099

■ 6D9299

■ 7D9599

■ 8C9799

■ 9B9999

■ AB9C99

Harmonies

Analogous

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



2E8882



218799



3E83A8

Triad

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



218799



A06B8D



847C4C

Complementary

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



218799



993321

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.



9A744F



218799



AA6975

Square

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



218799



8873A1



A86D5E



6A8356

Rectangle

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



218799



597EAB



A86D5E



8C7A4B

Sweetspot

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



218799



97C0C7



219933



475F63



E3E3E3



636363

Same Dimension

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



218799



0CABC7



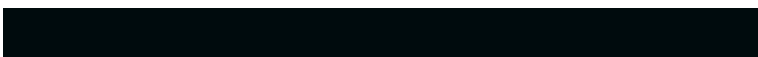
214B99



454B4D



00778C



000B0D

Inverse Universe

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



992187



C70CAB



996F21



4D454B



8C0077



0D000B

Previews

White Background



This preview shows how the Hex color 218799 looks on a white background.

Color Contrast Check

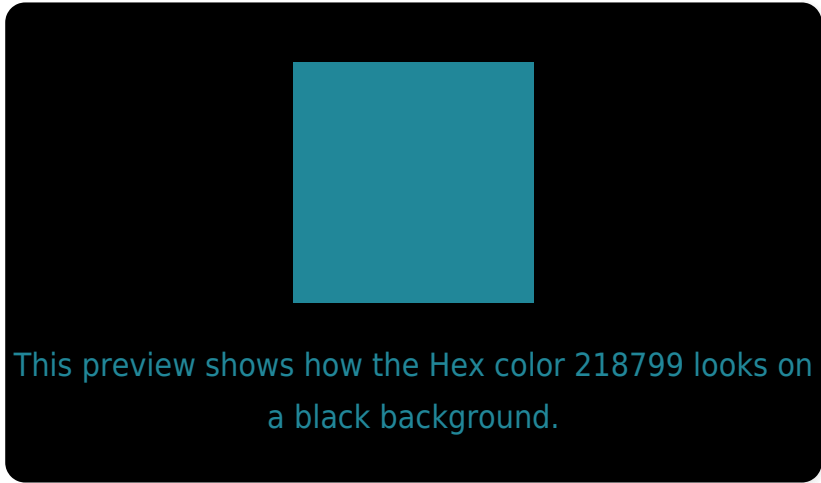
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

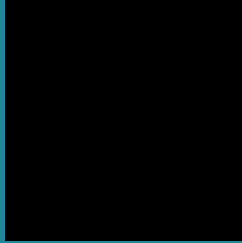
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 218799 Background



This preview shows how black text looks on a background with the Hex color 218799.

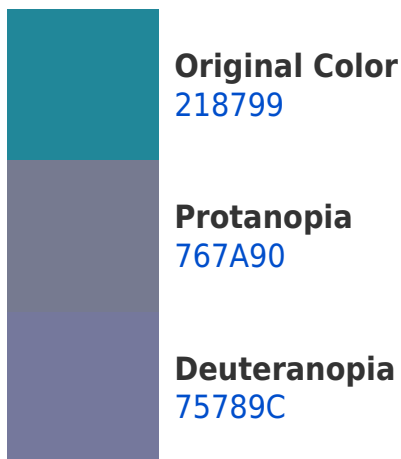


This preview shows how white text looks on a background with the Hex color 218799.

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](#).

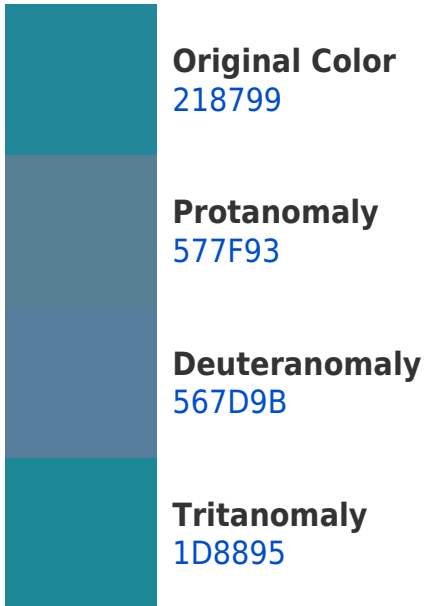
Dichromacy



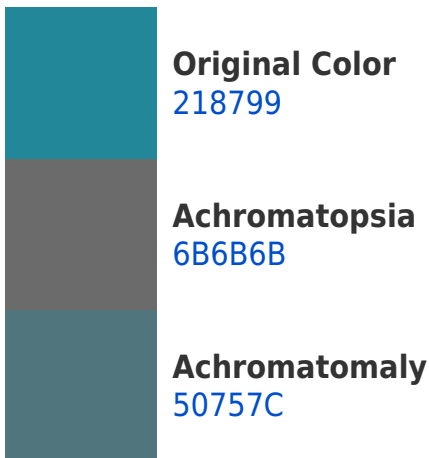


Tritanopia
1B8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218799 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 #218799 looks like.

```
.text, #text, p{  
    color:#218799  
}
```

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 #218799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218799
}
```

Border

The CSS property to change the border of an element to Hex 218799 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
#218799 }
```

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

```
.border{ border-color:#218799 }
```

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

Here you see how a box with a 4 pixel #218799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218799; -webkit-box-shadow:4px 4px  
4px 4px #218799; box-shadow:4px 4px 4px  
4px #218799 }
```

Background

The CSS property to change the background color of an element to Hex 218799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218799 }
```

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

```
.background{ background-color:#218799 }
```

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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