

Converting Colors

Hex(238799)

Have a look what the booklet for
Hex(238799) contains.

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Color

Hex(238799)

Conversions

Conversions Part 1

Format	Color
Hex	238799
RGB	35, 135, 153
RGB Percent	14%, 53%, 60%
CMY	0.8627, 0.4706, 0.4000
CMYK	0.77, 0.12, 0.00, 0.40
HSL	189°, 63%, 37%
HSV	189°, 77%, 60%
XYZ	15.1069, 19.9852, 33.1983
YIQ	107.1520, -65.3780, -15.6020

Conversions

Conversions Part 2

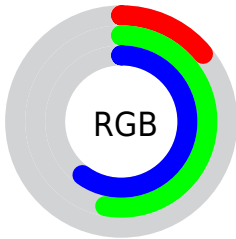
Format	Color
R_{YB}	35, 89, 153
Decimal	2328473
CIE _{Lab}	51.82, -21.49, -17.68
CIE _{LCh}	52, 27.826, 219.447
Yxy	19.9852, 0.2212, 0.2927
Android (android.graphics.Color)	4280518553 (0xFF238799)
YUV	107.1520, 22.6031, -63.2773
Hunter-Lab	44.7048, -17.9137, -12.7361

Details

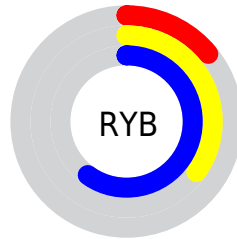
The Hex color **238799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993523**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **64BDCF**, and **005566** is the 20% darker color. If you saturate the color by 10%, you get **148599**, and if you desaturate by 10%, it is **328999**.

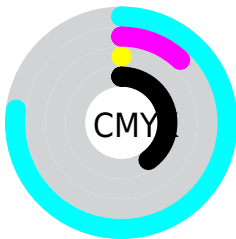
Distribution



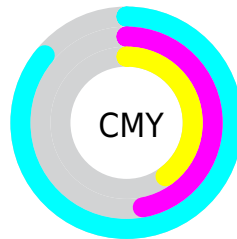
- Red (14%)
- Green (53%)
- Blue (60%)



- Red (14%)
- Yellow (35%)
- Blue (60%)



- Cyan (77%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238799 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 238799 by changing the saturation by 10% instead.

 238799

 238799

FFFFFF

 006D7F

 64BDCF

 005566

 81D8EC

 003D4E


 9DF5FF

 002737

 BAF5FF

 000E22

 D8F5FF

 000009

 F6F5FF

 000000

 238799

 238799

 148599

 328999

■ 048299

■ 428C99

■ 008299

■ 518E99

■ 609099

■ 709399

■ 7F9599

■ 8E9799

■ 9D9A99

■ AD9C99

Harmonies

Analogous

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



308883



238799



3F83A8

Triad

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



238799



A06C8D



847D4C

Complementary

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



238799



993523

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



238799



AA6975

Square

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



238799



8873A0



A76D5E



6A8356

Rectangle

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



238799



597EAB



A76D5E



8C7A4C

Sweetspot

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



238799



99C0C7



239935



485F63



E3E3E3



636363

Same Dimension

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



238799



0EABC7



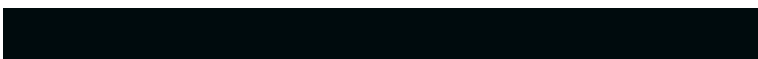
234C99



454B4D



00778C



000B0D

Inverse Universe

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



992387



C70EAB



997023



4D454B



8C0077



0D000B

Previews

White Background



This preview shows how the Hex color 238799 looks on a white background.

Color Contrast Check

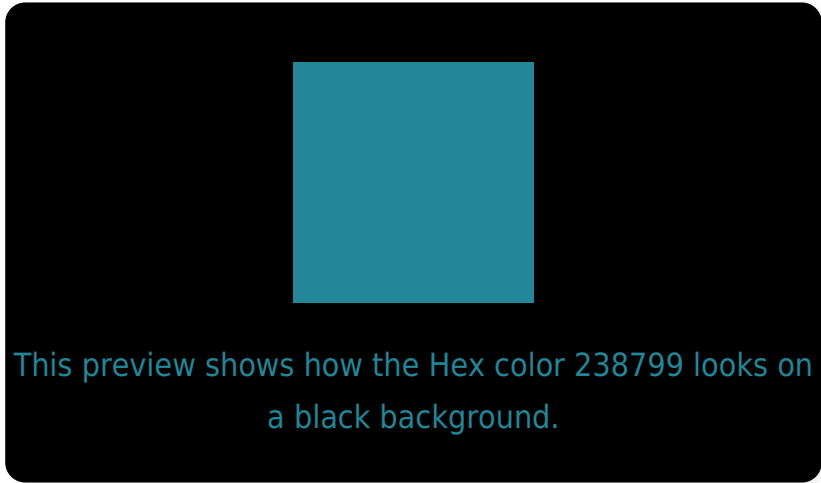
Large Text (above 18pt) WCAG AA ✓ Pass

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

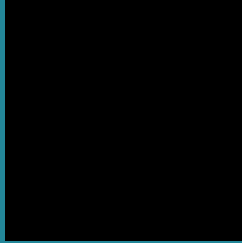
Any Text WCAG AA ✓ Pass

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 238799 Background



This preview shows how black text looks on a background with the Hex color 238799.

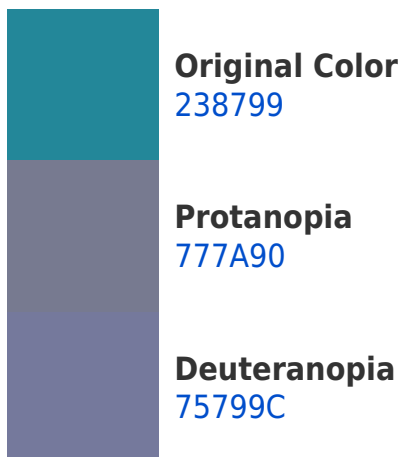


This preview shows how white text looks on a background with the Hex color 238799.

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](#).

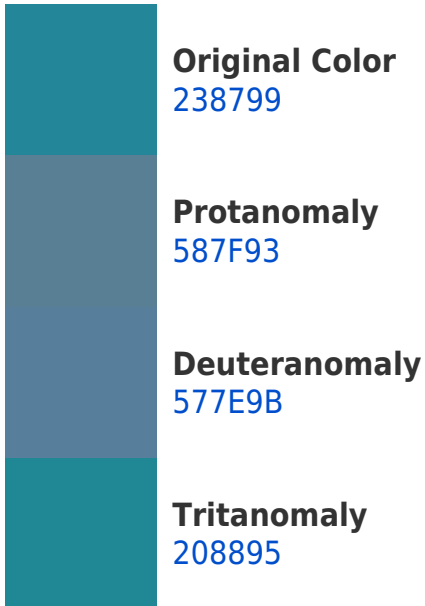
Dichromacy



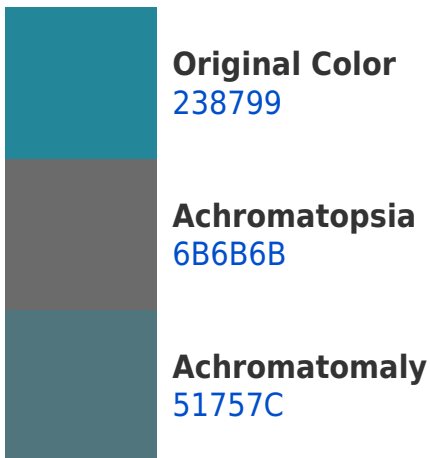


Tritanopia
1E8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 238799 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 #238799 looks like.

```
.text, #text, p{  
    color:#238799  
}
```

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 #238799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238799
}
```

Border

The CSS property to change the border of an element to Hex 238799 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
#238799 }
```

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

```
.border{ border-color:#238799 }
```

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

Here you see how a box with a 4 pixel #238799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238799; -webkit-box-shadow:4px 4px  
4px 4px #238799; box-shadow:4px 4px 4px  
4px #238799 }
```

Background

The CSS property to change the background color of an element to Hex 238799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238799 }
```

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

```
.background{ background-color:#238799 }
```

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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