

Converting Colors

Hex(238793)

Have a look what the booklet for
Hex(238793) contains.

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Color

Hex(238793)

Conversions

Conversions Part 1

Format	Color
Hex	238793
RGB	35, 135, 147
RGB Percent	14%, 53%, 58%
CMY	0.8627, 0.4706, 0.4235
CMYK	0.76, 0.08, 0.00, 0.42
HSL	186°, 62%, 36%
HSV	186°, 76%, 58%
XYZ	14.6236, 19.7919, 30.6532
YIQ	106.4680, -63.4520, -17.4680

Conversions

Conversions Part 2

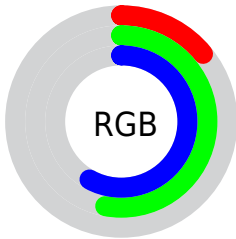
Format	Color
RYB	35, 88, 147
Decimal	2328467
CIELab	51.60, -23.46, -14.53
CIElCh	52, 27.595, 211.763
Yxy	19.7919, 0.2247, 0.3042
Android (android.graphics.Color)	4280518547 (0xFF238793)
YUV	106.4680, 19.9823, -62.6774
Hunter-Lab	44.4880, -19.1797, -9.7105

Details

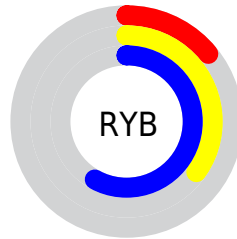
The Hex color **238793** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **932F23**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **63BDC9**, and **005560** is the 20% darker color. If you saturate the color by 10%, you get **148593**, and if you desaturate by 10%, it is **328993**.

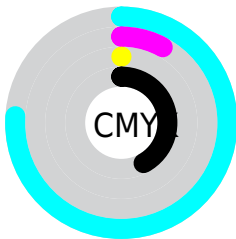
Distribution



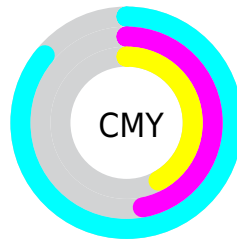
- Red (14%)
- Green (53%)
- Blue (58%)



- Red (14%)
- Yellow (35%)
- Blue (58%)



- Cyan (76%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)



- Cyan (86%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238793 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 238793 by changing the saturation by 10% instead.

■ 238793

■ 238793

FFFFFF

■ 006D79

■ 63BDC9

■ 005560

■ 80D8E5

■ 003D49

■ 9CF5FF

■ 002732

■ B9FFFF

■ 000C1E

■ D6FFFF

■ 000000

■ F4FFFF

■ 238793

■ 238793

■ 148593

■ 328993

068493

408A93

008393

4F8C93

5E8D93

6D8F93

7B9093

8A9293

999493

A79593

Harmonies

Analogous

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



37887C



238793



3683A4

Triad

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



238793



9A6D92



8A7A4C

Complementary

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



238793



932F23

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.



9D7252



238793



A8697A

Square

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



238793



8074A3



A86B63



718152

Rectangle

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



238793



4F7FA9



A86B63



91774C

Sweetspot

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



238793



93BBBF



23932E



465E61



E0E0E0



616161

Same Dimension

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



238793



11ADBF



235093



43494A



007B8A



00090A

Inverse Universe

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



932387



BF11AD



936623



4A4349



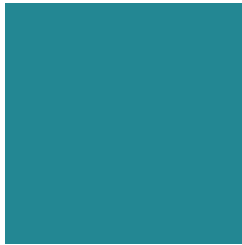
8A007B



0A0009

Previews

White Background



This preview shows how the Hex color 238793 looks on a white background.

Color Contrast Check

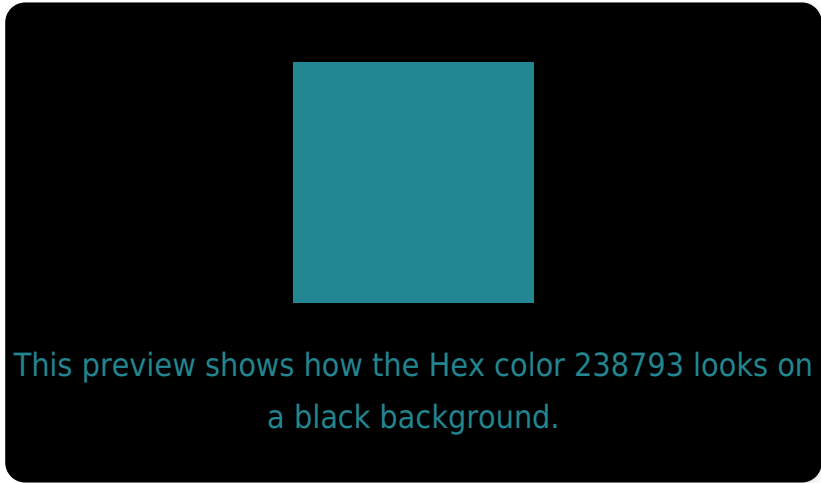
Large Text (above 18pt) WCAG AA ✓ Pass

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

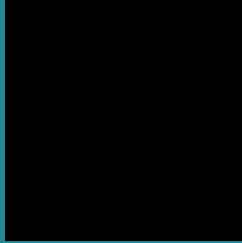
Any Text WCAG AA ✓ Pass

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 238793 Background



This preview shows how black text looks on a background with the Hex color 238793.



This preview shows how white text looks on a background with the Hex color 238793.

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
228792

Trichromacy



Original Color
238793

Protanomaly
597E8D

Deuteranomaly
597D95

Tritanomaly
228792

Monochromacy



Original Color
238793

Achromatopsia
6A6A6A

Achromatomaly
507579

CSS Examples

Text

The CSS property to change the color of the text to Hex 238793 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 #238793 looks like.

```
.text, #text, p{  
    color:#238793  
}
```

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 #238793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238793
}
```

Border

The CSS property to change the border of an element to Hex 238793 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
#238793 }
```

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

```
.border{ border-color:#238793 }
```

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

Here you see how a box with a 4 pixel #238793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238793; -webkit-box-shadow:4px 4px  
4px 4px #238793; box-shadow:4px 4px 4px  
4px #238793 }
```

Background

The CSS property to change the background color of an element to Hex 238793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238793 }
```

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

```
.background{ background-color:#238793 }
```

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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