

Converting Colors

Hex(237F9C)

Have a look what the booklet for
Hex(237F9C) contains.

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Color

Hex(237F9C)

Conversions

Conversions Part 1

Format	Color
Hex	237F9C
RGB	35, 127, 156
RGB Percent	14%, 50%, 61%
CMY	0.8627, 0.5020, 0.3882
CMYK	0.78, 0.19, 0.00, 0.39
HSL	194°, 63%, 37%
HSV	194°, 78%, 61%
XYZ	14.2833, 17.9364, 34.1617
YIQ	102.7980, -64.1410, -10.4850

Conversions

Conversions Part 2

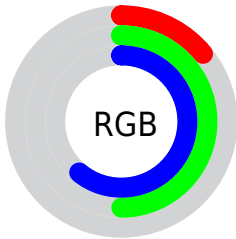
Format	Color
RYB	35, 87, 156
Decimal	2326428
CIELab	49.42, -16.15, -23.11
CIElCh	49, 28.194, 235.052
Yxy	17.9364, 0.2152, 0.2702
Android (android.graphics.Color)	4280516508 (0xFF237F9C)
YUV	102.7980, 26.2286, -59.4588
Hunter-Lab	42.3514, -13.9146, -18.1790

Details

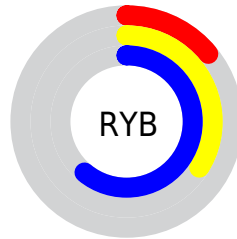
The Hex color **237F9C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C4023**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **63B4D3**, and **004E69** is the 20% darker color. If you saturate the color by 10%, you get **137B9C**, and if you desaturate by 10%, it is **33839C**.

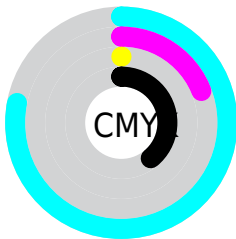
Distribution



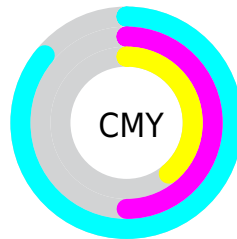
- Red (14%)
- Green (50%)
- Blue (61%)



- Red (14%)
- Yellow (34%)
- Blue (61%)



- Cyan (78%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (86%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237F9C 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 237F9C by changing the saturation by 10% instead.

■ 237F9C

■ 237F9C

FFFFFF

■ 006682

■ 63B4D3

■ 004E69

■ 80CFEF

■ 003750

■ 9DECFF

■ 002239

■ BAEFFF

■ 000224

■ D7FFFF

■ 00000C

■ F5FFFF

■ 000000

■ 237F9C

■ 237F9C

■ 137B9C

■ 33839C

■ 04789C

■ 42869C

■ 00779C

■ 528A9C

■ 618E9C

■ 71929C

■ 81959C

■ 90999C

■ A09D9C

■ AFA19C

Harmonies

Analogous

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



168289



237F9C



4C79A5

Triad

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



237F9C



A1637A



717A49

Complementary

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



237F9C



9C4023

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.



897346



237F9C



A46462

Square

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



237F9C



906891



9B6A4F



557F59

Rectangle

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



237F9C



6774A3



9B6A4F



797847

Sweetspot

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



237F9C



9DC1CC



239C3F



495F66



E6E6E6



666666

Same Dimension

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



237F9C



0E9FCC



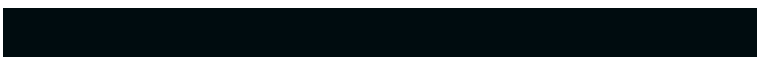
23439C



474D4F



006D8F



000C0F

Inverse Universe

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



9C237F



CC0E9F



9C7C23



4F474D



8F006D



0F000C

Previews

White Background



This preview shows how the Hex color 237F9C looks on a white background.

Color Contrast Check

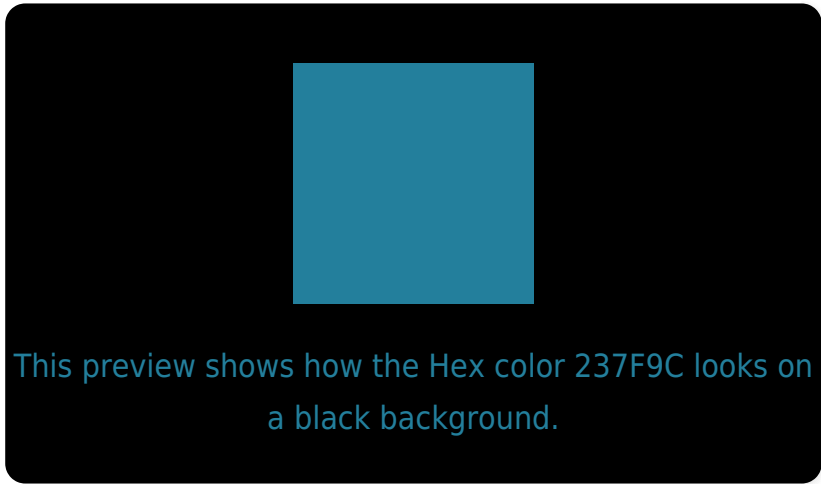
Large Text (above 18pt) WCAG AA ✓ Pass

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

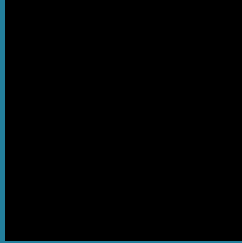
Any Text WCAG AA ✓ Pass

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 237F9C Background



This preview shows how black text looks on a background with the Hex color 237F9C.



This preview shows how white text looks on a background with the Hex color 237F9C.

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](#).

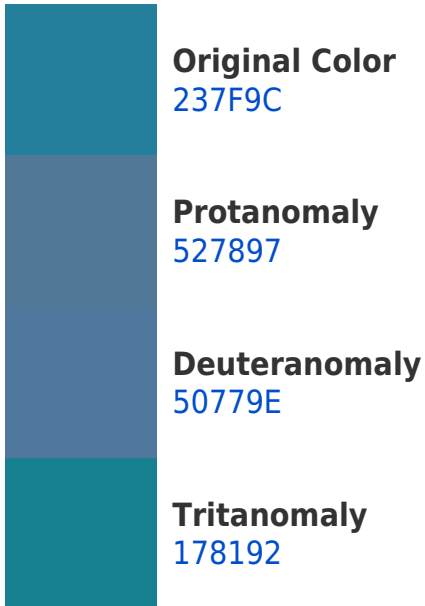
Dichromacy



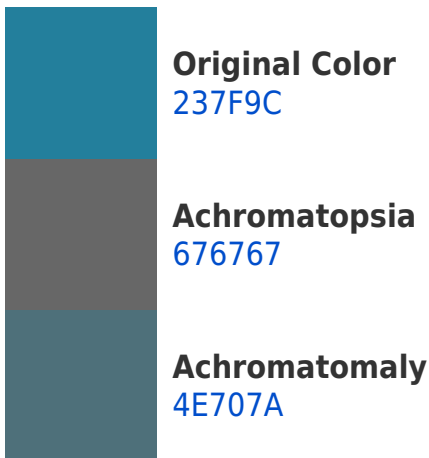


Tritanopia
10828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 237F9C 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 #237F9C looks like.

```
.text, #text, p{  
    color:#237F9C  
}
```

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 #237F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237F9C
}
```

Border

The CSS property to change the border of an element to Hex 237F9C 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
#237F9C }
```

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

```
.border{ border-color:#237F9C }
```

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

Here you see how a box with a 4 pixel #237F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237F9C; -webkit-box-shadow:4px 4px  
4px 4px #237F9C; box-shadow:4px 4px 4px  
4px #237F9C }
```

Background

The CSS property to change the background color of an element to Hex 237F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237F9C }
```

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

```
.background{ background-color:#237F9C }
```

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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