

Converting Colors

Hex(239D9D)

Have a look what the booklet for
Hex(239D9D) contains.

Hex(239D9D)	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(239D9D)

Conversions

Conversions Part 1

Format	Color
Hex	239D9D
RGB	35, 157, 157
RGB Percent	14%, 62%, 62%
CMY	0.8627, 0.3843, 0.3843
CMYK	0.78, 0.00, 0.00, 0.38
HSL	180°, 64%, 38%
HSV	180°, 78%, 62%
XYZ	18.8359, 26.9056, 36.0988
YIQ	120.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

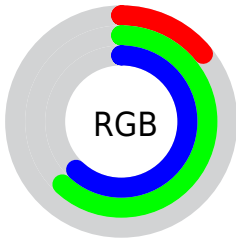
Format	Color
RYB	35, 96, 157
Decimal	2334109
CIELab	58.89, -31.28, -9.31
CIElCh	59, 32.634, 196.571
Yxy	26.9056, 0.2302, 0.3288
Android (android.graphics.Color)	4280524189 (0xFF239D9D)
YUV	120.5220, 17.9837, -75.0028
Hunter-Lab	51.8706, -25.9544, -4.9529

Details

The Hex color **239D9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D2323**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67D4D3**, and **00696A** is the 20% darker color. If you saturate the color by 10%, you get **139D9D**, and if you desaturate by 10%, it is **339D9D**.

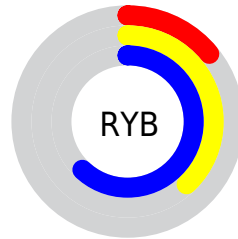
Distribution



Red (14%)

Green (62%)

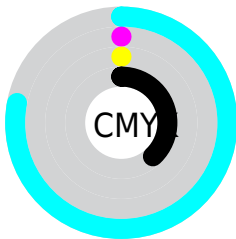
Blue (62%)



Red (14%)

Yellow (38%)

Blue (62%)

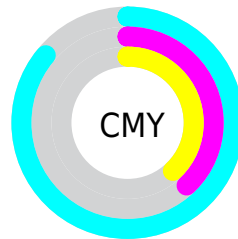


Cyan (78%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (86%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 239D9D 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 239D9D by changing the saturation by 10% instead.

 239D9D

 239D9D

FFFFFF

 008383

 67D4D3

 00696A

 85F1F0

 005052

 A2FFFF

 00393B

 C0FFFF

 002425

 DDFFFF

 000111

 FBFFFF

 000000

 239D9D

 239D9D

 139D9D

 339D9D

■ 049D9D

■ 429D9D

■ 009D9D

■ 529D9D

■ 629D9D

■ 729D9D

■ 819D9D

■ 919D9D

■ A19D9D

■ B09D9D

Harmonies

Analogous

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



4C9C7F



239D9D



1C9AB6

Triad

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



239D9D



A581B5



AC8856

Complementary

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



239D9D



9D2323

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.



BF7E65



239D9D



BD799C

Square

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



239D9D



7E8BC4



C6787F



919156

Rectangle

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



239D9D



3D97C2



C6787F



B3845A

Sweetspot

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



239D9D



9DCCCC



239D23



496666



E6E6E6



666666

Same Dimension

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



239D9D



0ECCCC



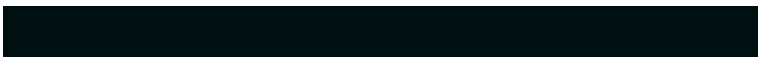
23609D



474F4F



008F8F



000F0F

Inverse Universe

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



9D239D



CC0ECC



9D6023



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 239D9D looks on a white background.

Color Contrast Check

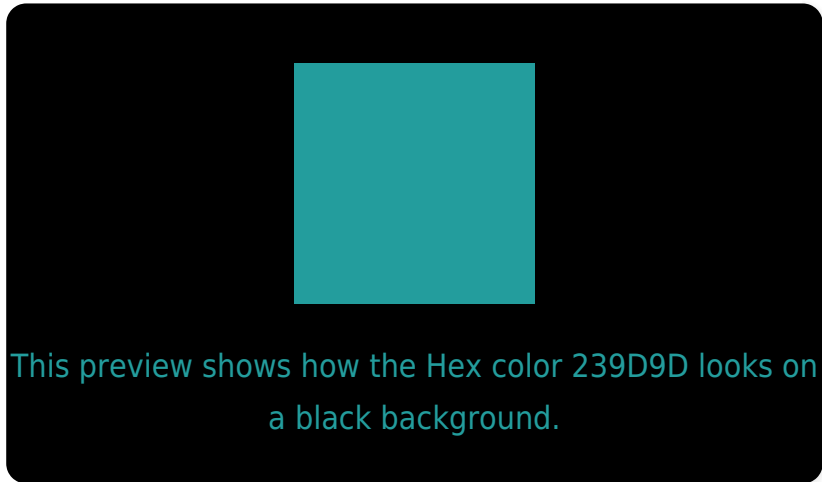
Large Text (above 18pt) WCAG AA ✓ Pass

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

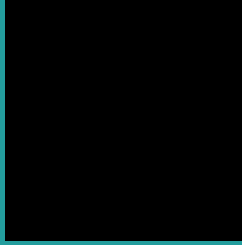
Any Text WCAG AA ✓ Pass

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 239D9D Background



This preview shows how black text looks on a background with the Hex color 239D9D.

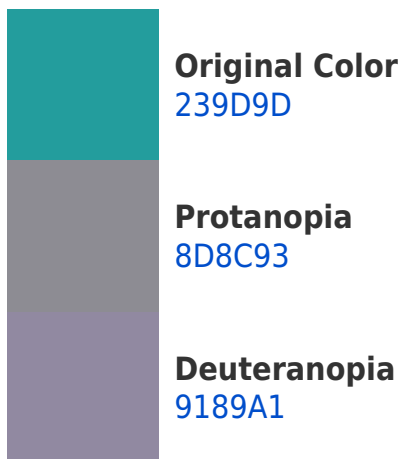


This preview shows how white text looks on a background with the Hex color 239D9D.

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
2C9BA8

Trichromacy



Original Color
239D9D



Protanomaly
669297



Deuteranomaly
6990A0



Tritanomaly
299CA4

Monochromacy



Original Color
239D9D



Achromatopsia
797979



Achromatomaly
5A8686

CSS Examples

Text

The CSS property to change the color of the text to Hex 239D9D 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 #239D9D looks like.

```
.text, #text, p{  
    color:#239D9D  
}
```

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 #239D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #239D9D
}
```

Border

The CSS property to change the border of an element to Hex 239D9D 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
#239D9D }
```

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

```
.border{ border-color:#239D9D }
```

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

Here you see how a box with a 4 pixel #239D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #239D9D; -webkit-box-shadow:4px 4px  
4px 4px #239D9D; box-shadow:4px 4px 4px  
4px #239D9D }
```

Background

The CSS property to change the background color of an element to Hex 239D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#239D9D }
```

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

```
.background{ background-color:#239D9D }
```

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