

# Converting Colors

Hex(239DAE)

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

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**Color**

**Hex(239DAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	239DAE
RGB	35, 157, 174
RGB Percent	14%, 62%, 68%
CMY	0.8627, 0.3843, 0.3176
CMYK	0.80, 0.10, 0.00, 0.32
HSL	187°, 67%, 41%
HSV	187°, 80%, 68%
XYZ	20.3901, 27.5273, 44.2830
YIQ	122.4600, -78.1690, -20.5770

# Conversions

## Conversions Part 2

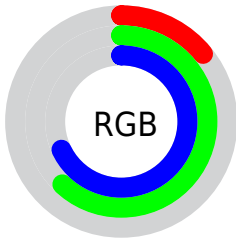
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 100, 174
Decimal	2334126
CIE <sub>Lab</sub>	59.46, -25.94, -18.08
CIE <sub>LCh</sub>	59, 31.617, 214.874
Yxy	27.5273, 0.2211, 0.2986
Android (android.graphics.Color)	4280524206 (0xFF239DAE)
YUV	122.4600, 25.4092, -76.7024
Hunter-Lab	52.4664, -22.4456, -13.3158

# Details

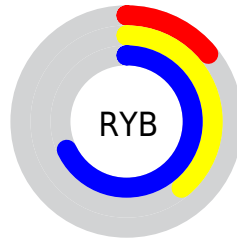
The Hex color **239DAE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE3423**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69D4E5**, and **00697A** is the 20% darker color. If you saturate the color by 10%, you get **129BAE**, and if you desaturate by 10%, it is **349FAE**.

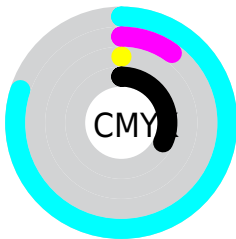
# Distribution



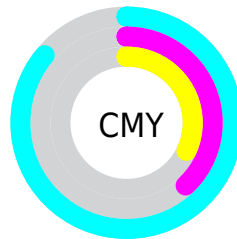
- Red (14%)
- Green (62%)
- Blue (68%)



- Red (14%)
- Yellow (39%)
- Blue (68%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)



- Cyan (86%)
- Magenta (38%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 239DAE

 239DAE

FFFFFF

 008393

 69D4E5

 00697A

 87F0FF

 005161

 A5FFFF

 003949

 C3FFFF

 002432

 E1FFFF

 00021E

 000000

 239DAE

 239DAE

 129BAE

 349FAE

0099AE

46A1AE

57A3AE

69A6AE

7AA8AE

8BAAAE

9DACAE

AEAEAE

C0B0AE

# Harmonies

## Analogous

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



3A9E93



239DAE



4198C1

# Triad

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



239DAE



B67DA7



9D8F57

# Complementary

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



239DAE



AE3423

# 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.



B5855D



239DAE



C57A8C

# Square

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



239DAE



9886BD



C37D71



809761

# Rectangle

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



239DAE



6093C6



C37D71



A68C58



# Sweetspot

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



239DAE



ACDCE3



23AE33



516F73



F2F2F2



737373



# Same Dimension

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



239DAE



09C8E3



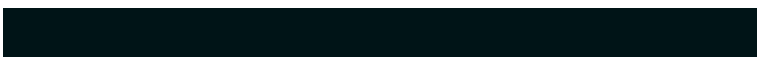
2358AE



4E5657



008496



001417



# Inverse Universe

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



AE239D



E309C8



AE7923



574E56



960084



170014



# Previews

## White Background



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

## Color Contrast Check

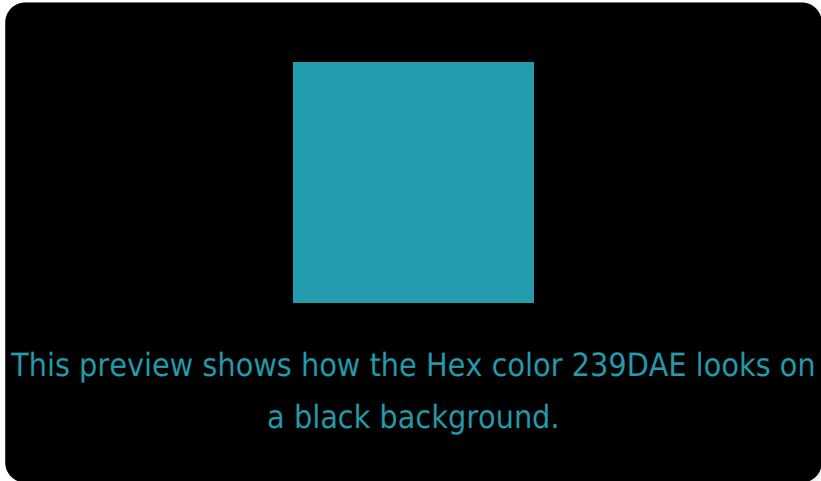
Large Text (above 18pt) WCAG AA ✓ Pass

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

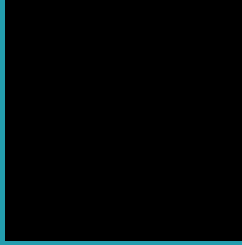
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 239DAE Background



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

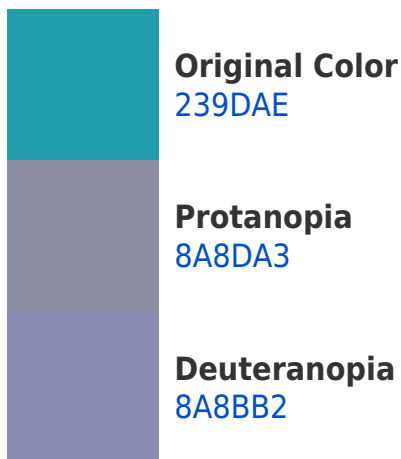


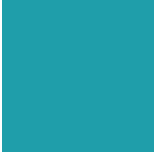
This preview shows how white text looks on a background with the Hex color 239DAE.

# 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](#).

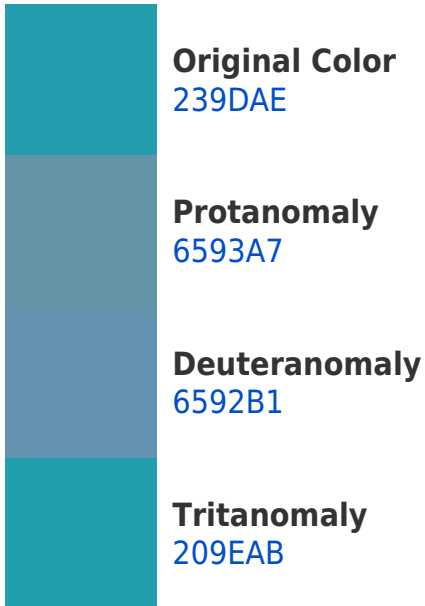
## Dichromacy



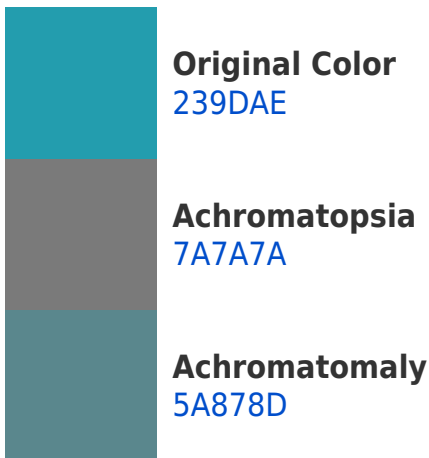


**Tritanopia**  
1F9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #239DAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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