

# Converting Colors

Hex(239AFF)

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

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# **Color**

**Hex(239AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	239AFF
RGB	35, 154, 255
RGB Percent	14%, 60%, 100%
CMY	0.8627, 0.3961, 0.0000
CMYK	0.86, 0.40, 0.00, 0.00
HSL	208°, 100%, 57%
HSV	208°, 86%, 100%
XYZ	30.2987, 30.6885, 98.9343
YIQ	129.9330, -103.3450, 6.1830

# Conversions

## Conversions Part 2

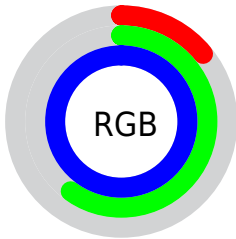
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	35, 112, 255
Decimal	2333439
CIE Lab	62.24, 4.30, -58.81
CIE LCh	62, 58.967, 274.183
Yxy	30.6885, 0.1895, 0.1919
Android (android.graphics.Color)	4280523519 (0xFF239AFF)
YUV	129.9330, 61.6580, -83.2562
Hunter-Lab	55.3972, 0.6829, -67.1084

# Details

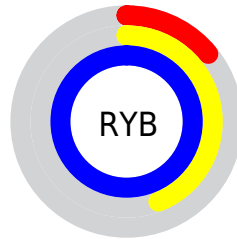
The Hex color **239AFF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FF8823**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **78D0FF**, and **0068C6** is the 20% darker color. If you saturate the color by 10%, you get **098EFF**, and if you desaturate by 10%, it is **3CA6FF**.

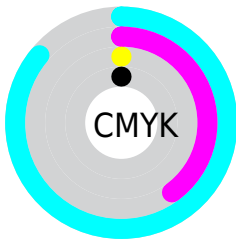
# Distribution



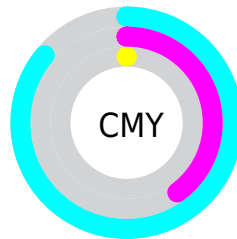
- Red (14%)
- Green (60%)
- Blue (100%)



- Red (14%)
- Yellow (44%)
- Blue (100%)



- Cyan (86%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 239AFF

 239AFF

FFFFFF

 0080E2

 78D0FF

 0068C6

 99ECFF

 0050AA

 B9FFFF

 003A8F

 D9FFFF

 002675

 F9FFFF

 00115B

 000743

 00032C

 000116

■ 239AFF

■ 239AFF

■ 098EFF

■ 3CA6FF

■ 008AFF

■ 56B1FF

■ 6FBDFE

■ 89C9FE

■ A3D5FE

■ BCE0FE

■ D5ECFE

■ EFF8FE

FFFFFF

# Harmonies

## Analogous

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



00A8F4



239AFF



A285ED

# Triad

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



239AFF



F06F5F



10AC67

# Complementary

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



239AFF



FF8823

# 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.



75A439



239AFF



D68336

# Square

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



239AFF



F46591



AB9623



00B09C

# Rectangle

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



239AFF



CC76D4



AB9623



44AA56

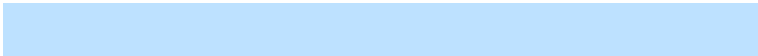


# Sweetspot

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



239AFF



BDE1FF



23FF86



586D80



000000



808080



# Same Dimension

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



239AFF



008AFF



232EFF



737A80



0067BF



002240



# Inverse Universe

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



FF239A



FF008A



FFF423



80737A



BF0067



400022



# Previews

## White Background



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

## Color Contrast Check

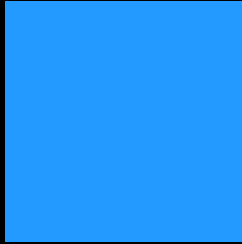
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 239AFF looks on a 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 ✓ Pass

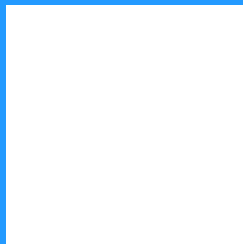
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 239AFF Background



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

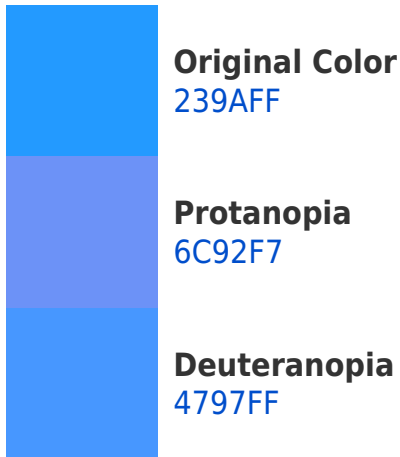


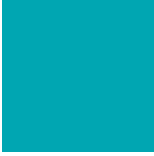
This preview shows how white text looks on a background with the Hex color 239AFF.

# 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](#).

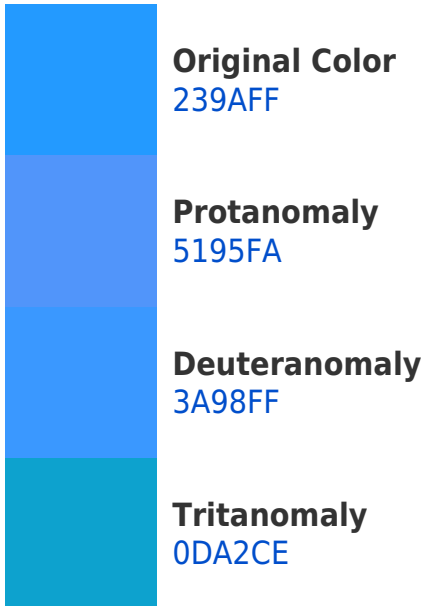
## Dichromacy



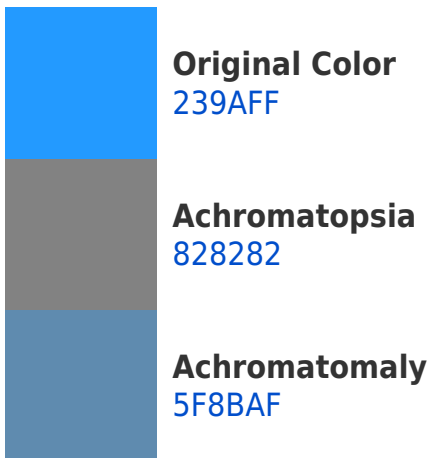


**Tritanopia**  
00A6B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #239AFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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