

Converting Colors

Hex(2139AE)

Have a look what the booklet for
Hex(2139AE) contains.

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Color

Hex(2139AE)

Conversions

Conversions Part 1

Format	Color
Hex	2139AE
RGB	33, 57, 174
RGB Percent	13%, 22%, 68%
CMY	0.8706, 0.7765, 0.3176
CMYK	0.81, 0.67, 0.00, 0.32
HSL	230°, 68%, 41%
HSV	230°, 81%, 68%
XYZ	9.7303, 6.3056, 40.7487
YIQ	63.1620, -51.8610, 31.2990

Conversions

Conversions Part 2

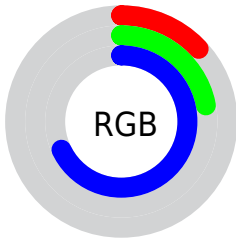
Format	Color
RYB	33, 54, 174
Decimal	2177454
CIELab	30.17, 34.89, -64.52
CIELCh	30, 73.352, 298.402
Yxy	6.3056, 0.1714, 0.1110
Android (android.graphics.Color)	4280367534 (0xFF2139AE)
YUV	63.1620, 54.6431, -26.4521
Hunter-Lab	25.1109, 25.2234, -78.6350




Details

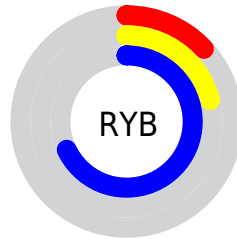
The Hex color **2139AE** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AE9621**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **6768E7**, and **001078** is the 20% darker color. If you saturate the color by 10%, you get **102BAE**, and if you desaturate by 10%, it is **3247AE**.

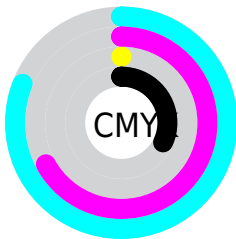
Distribution







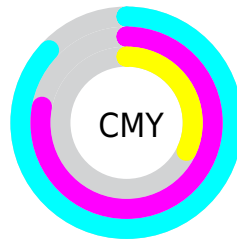
-  Red (13%)
-  Green (22%)
-  Blue (68%)






-  Red (13%)
-  Yellow (21%)
-  Blue (68%)



-  Cyan (81%)
-  Magenta (67%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (87%)
-  Magenta (78%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2139AE 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 2139AE by changing the saturation by 10% instead.

■ 2139AE

■ 2139AE

FFFFFF

■ 002493

■ 6768E7

■ 001078

■ 8581FF

■ 00005F

■ A39BFF

■ 000846

■ C1B6FF

■ 00042F

■ DFD2FF

■ 000119

■ FDEEFF

■ 000000

■ 2139AE

■ 2139AE

■ 102BAE

■ 3247AE

■ 001EAE

■ 4456AE

■ 5564AE

■ 6773AE

■ 7881AE

■ 8990AE

■ 9B9EAE

■ ACADAE

■ BEBBAE

Harmonies

Analogous

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



0051BC



2139AE



840084

Triad

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



2139AE



852600



005C42

Complementary

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



2139AE



AE9621

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.



005900



2139AE



5A4400

Square

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



2139AE



9F0015



1D5300



005D7D

Rectangle

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



2139AE



9D0060



1D5300



005B2E

Sweetspot

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



2139AE



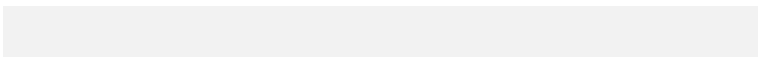
ACB6E3



21AE94



515773



F2F2F2



737373

Same Dimension

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



2139AE



072CE3



4E21AE



4E5057



001A96



000417

Inverse Universe

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



AE2139



E3072C



81AE21



574E50



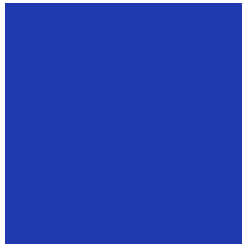
96001A



170004

Previews

White Background



This preview shows how the Hex color 2139AE looks on a white background.

Color Contrast Check

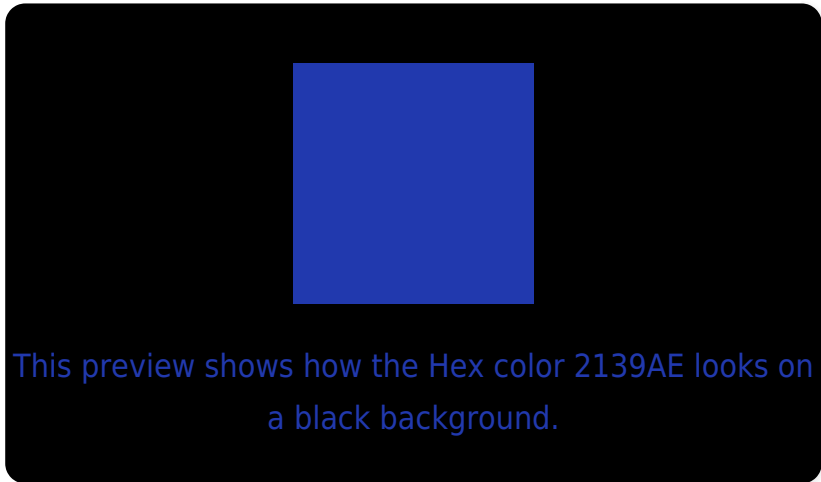
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

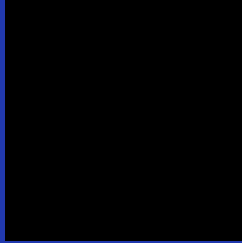
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2139AE Background



This preview shows how black text looks on a background with the Hex color 2139AE.



This preview shows how white text looks on a background with the Hex color 2139AE.

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



Original Color
2139AE

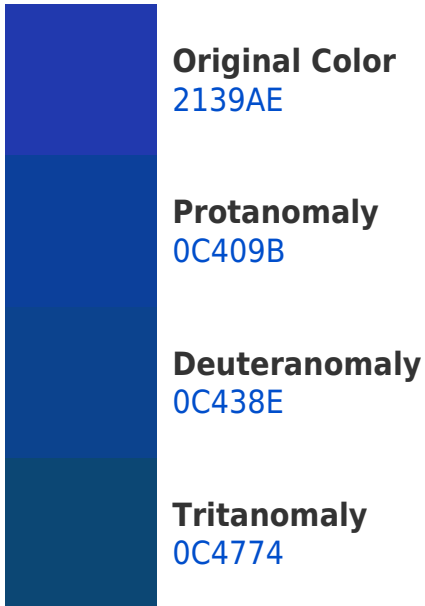
Protanopia
004490

Deuteranopia
00497B



Tritanopia
004F53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2139AE 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 #2139AE looks like.

```
.text, #text, p{  
    color:#2139AE  
}
```

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 #2139AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2139AE
}
```

Border

The CSS property to change the border of an element to Hex 2139AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

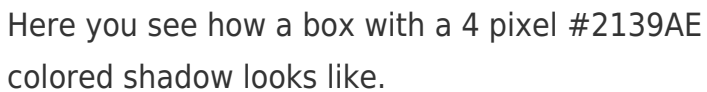
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2139AE }
```

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

```
.border{ border-color:#2139AE }
```

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



Here you see how a box with a 4 pixel #2139AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2139AE; -webkit-box-shadow:4px 4px  
4px 4px #2139AE; box-shadow:4px 4px 4px  
4px #2139AE }
```

Background

The CSS property to change the background color of an element to Hex 2139AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2139AE }
```

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

```
.background{ background-color:#2139AE }
```

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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