

Converting Colors

Hex(4319E6)

Have a look what the booklet for
Hex(4319E6) contains.

Hex(4319E6)	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(4319E6)

Conversions

Conversions Part 1

Format	Color
Hex	4319E6
RGB	67, 25, 230
RGB Percent	26%, 10%, 90%
CMY	0.7373, 0.9020, 0.0980
CMYK	0.71, 0.89, 0.00, 0.10
HSL	252°, 80%, 50%
HSV	252°, 89%, 90%
XYZ	16.9453, 7.6017, 75.4371
YIQ	60.9280, -40.7730, 72.6590

Conversions

Conversions Part 2

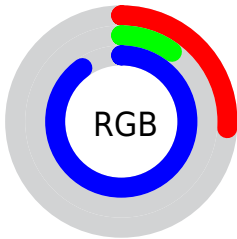
Format	Color
R _{YB}	67, 25, 230
Decimal	4397542
CIE Lab	33.14, 69.60, -92.25
CIE LCh	33, 115.562, 307.035
Yxy	7.6017, 0.1695, 0.0760
Android (android.graphics.Color)	4282587622 (0xFF4319E6)
YUV	60.9280, 83.3525, 5.3251
Hunter-Lab	27.5712, 61.4566, -142.9223

Details

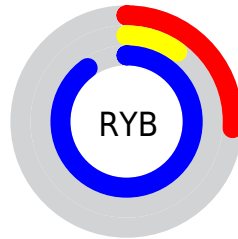
The Hex color **4319E6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **BCE619**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8B52FF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **3102E6**, and if you desaturate by 10%, it is **5530E6**.

Distribution



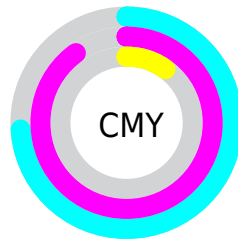
- Red (26%)
- Green (10%)
- Blue (90%)



- Red (26%)
- Yellow (10%)
- Blue (90%)



- Cyan (71%)
- Magenta (89%)
- Yellow (0%)
- Black (10%)



- Cyan (74%)
- Magenta (90%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4319E6 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 4319E6 by changing the saturation by 10% instead.

■ 4319E6

■ 4319E6

FFFFFF

■ 0000C9

■ 8B52FF

■ 0000AD

■ AB6DFF

■ 000091

■ CB88FF

■ 000076

■ EBA4FF

■ 000E5C

■ FFC0FF

■ 000744

■ FFDDFF

■ 00032C

■ FFFAFF

■ 000117

■ 000000

■ 4319E6

■ 4319E6

■ 3102E6

■ 5530E6

■ 2F00E6

■ 6847E6

■ 7A5EE6

■ 8C75E6

■ 9E8CE6

■ B1A3E6

■ C3BAE6

■ D5D1E6

■ E8E8E6

Harmonies

Analogous

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



005AFF



4319E6



C00098

Triad

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



4319E6



952400



006963

Complementary

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



4319E6



BCE619

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.



006700



4319E6



4D5300

Square

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



4319E6



C80000



006200



006CBE

Rectangle

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



4319E6



D9005C



006200



006842

Sweetspot

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



4319E6



C8BAFF



19BDE6



5F5780



000000



808080

Same Dimension

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



4319E6



3400FF



A919E6



6A6773



2500B3



0A0033

Inverse Universe

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



E619BC



FF00CB



56E619



736770



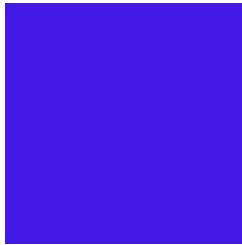
B3008E



330029

Previews

White Background



This preview shows how the Hex color 4319E6 looks on a white background.

Color Contrast Check

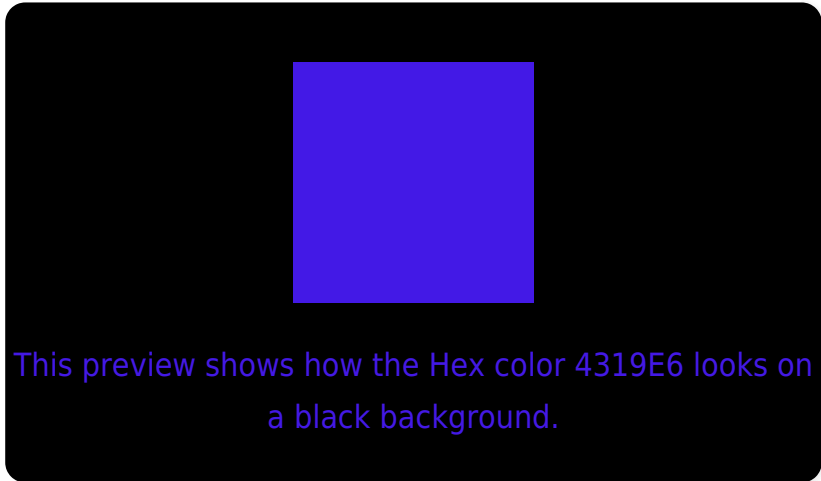
Large Text (above 18pt) WCAG AA ✓ Pass

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

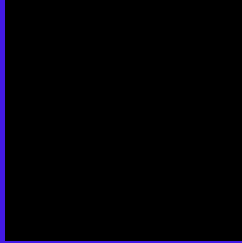
Any Text WCAG AA × Fail

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 4319E6 Background



This preview shows how black text looks on a background with the Hex color 4319E6.

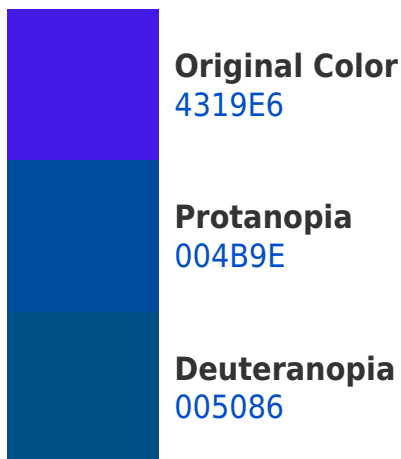


This preview shows how white text looks on a background with the Hex color 4319E6.

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
00565B

Trichromacy



Original Color
4319E6

Protanomaly
1839B8

Deuteranomaly
183CA9

Tritanomaly
18408E

Monochromacy



Original Color
4319E6

Achromatopsia
3D3D3D

Achromatomaly
3F307A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4319E6 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 #4319E6 looks like.

```
.text, #text, p{  
    color:#4319E6  
}
```

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 #4319E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4319E6
}
```

Border

The CSS property to change the border of an element to Hex 4319E6 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
#4319E6 }
```

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

```
.border{ border-color:#4319E6 }
```

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

Here you see how a box with a 4 pixel #4319E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4319E6; -webkit-box-shadow:4px 4px  
4px 4px #4319E6; box-shadow:4px 4px 4px  
4px #4319E6 }
```

Background

The CSS property to change the background color of an element to Hex 4319E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4319E6 }
```

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

```
.background{ background-color:#4319E6 }
```

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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