

Converting Colors

Hex(4139C6)

Have a look what the booklet for
Hex(4139C6) contains.

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Color

Hex(4139C6)

Conversions

Conversions Part 1

Format	Color
Hex	4139C6
RGB	65, 57, 198
RGB Percent	25%, 22%, 78%
CMY	0.7451, 0.7765, 0.2235
CMYK	0.67, 0.71, 0.00, 0.22
HSL	243°, 55%, 50%
HSV	243°, 71%, 78%
XYZ	13.8361, 8.1273, 54.2656
YIQ	75.4660, -40.4930, 45.5470

Conversions

Conversions Part 2

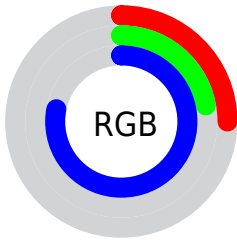
Format	Color
R _Y B	65, 57, 198
Decimal	4274630
CIE Lab	34.25, 46.44, -71.94
CIE LCh	34, 85.627, 302.847
Yxy	8.1273, 0.1815, 0.1066
Android (android.graphics.Color)	4282464710 (0xFF4139C6)
YUV	75.4660, 60.4093, -9.1787
Hunter-Lab	28.5084, 36.7427, -92.9023

Details

The Hex color **4139C6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BEC639**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **816AFF**, and **000B8F** is the 20% darker color. If you saturate the color by 10%, you get **2E25C6**, and if you desaturate by 10%, it is **544DC6**.

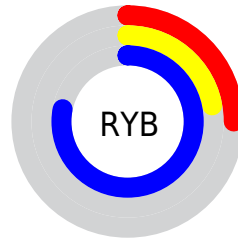
Distribution



Red (25%)

Green (22%)

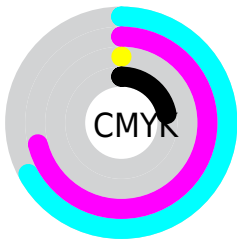
Blue (78%)



Red (25%)

Yellow (22%)

Blue (78%)

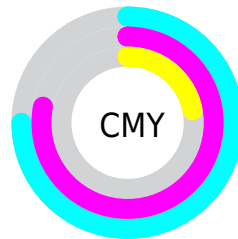


Cyan (67%)

Magenta (71%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4139C6 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 4139C6 by changing the saturation by 10% instead.

 4139C6

 4139C6

FFFFFF

 1322AA

 816AFF

 000B8F

 9F83FF

 000074

 BD9EFF

 00005B

 DCB9FF

 000742

 FAD5FF

 00032B

 FFF2FF

 000115

 000000

 4139C6

 4139C6

■ 2E25C6

■ 544DC6

■ 1C11C6

■ 6661C6

■ 0B00C6

■ 7974C6

■ 8C88C6

■ 9E9CC6

■ B1B0C6

■ C4C4C6

■ D6D7C6

■ E9EBC6

Harmonies

Analogous

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



005ADD



4139C6



A10090

Triad

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



4139C6



923000



006956

Complementary

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



4139C6



BEC639

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.



006600



4139C6



5E5100

Square

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



4139C6



B5000A



006000



006A9A

Rectangle

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



4139C6



BA0064



006000



00683E

Sweetspot

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



4139C6



CCC9FF



39BFC6



616080



000000



808080

Same Dimension

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



4139C6



3326FF



8739C6



5A5A63



0900A3



020024

Inverse Universe

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



C639BE



FF26F3



78C639



635A63



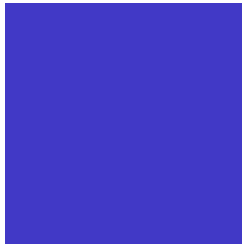
A3009A



240022

Previews

White Background



This preview shows how the Hex color 4139C6 looks on a white background.

Color Contrast Check

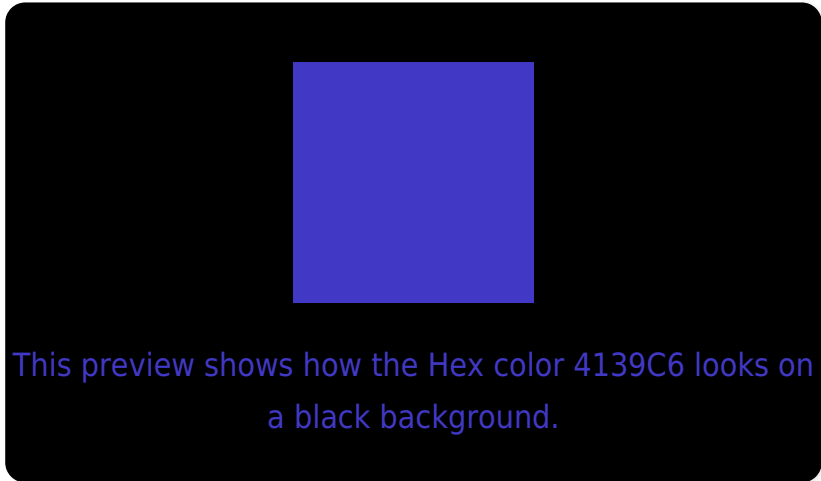
Large Text (above 18pt) WCAG AA ✓ Pass

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

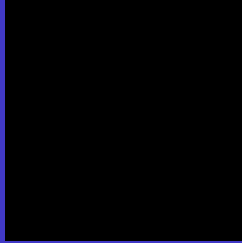
Any Text WCAG AA × Fail

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 4139C6 Background



This preview shows how black text looks on a background with the Hex color 4139C6.

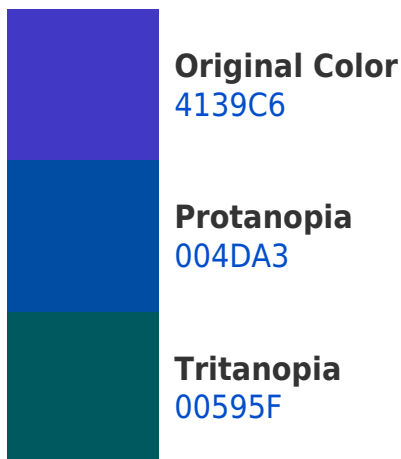


This preview shows how white text looks on a background with the Hex color 4139C6.

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



Trichromacy



Original Color
4139C6

Protanomaly
1846B0

Tritanomaly
184D84

Monochromacy



Original Color
4139C6

Achromatopsia
4B4B4B

Achromatomaly
474478

CSS Examples

Text

The CSS property to change the color of the text to Hex 4139C6 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 #4139C6 looks like.

```
.text, #text, p{  
    color:#4139C6  
}
```

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 #4139C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4139C6
}
```

Border

The CSS property to change the border of an element to Hex 4139C6 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
#4139C6 }
```

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

```
.border{ border-color:#4139C6 }
```

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

Here you see how a box with a 4 pixel #4139C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4139C6; -webkit-box-shadow:4px 4px  
4px 4px #4139C6; box-shadow:4px 4px 4px  
4px #4139C6 }
```

Background

The CSS property to change the background color of an element to Hex 4139C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4139C6 }
```

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

```
.background{ background-color:#4139C6 }
```

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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