

Converting Colors

Hex(0039C7)

Have a look what the booklet for
Hex(0039C7) contains.

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Color

Hex(0039C7)

Conversions

Conversions Part 1

Format	Color
Hex	0039C7
RGB	0, 57, 199
RGB Percent	0%, 22%, 78%
CMY	1.0000, 0.7765, 0.2196
CMYK	1.00, 0.71, 0.00, 0.22
HSL	223°, 100%, 39%
HSV	223°, 100%, 78%
XYZ	11.7719, 7.0498, 54.7731
YIQ	56.1450, -79.5540, 32.0780

Conversions

Conversions Part 2

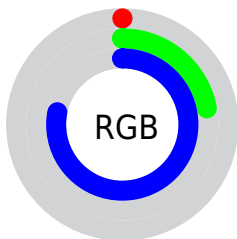
Format	Color
RYB	0, 44, 199
Decimal	14791
CIELab	31.92, 42.68, -76.44
CIELCh	32, 87.550, 299.177
Yxy	7.0498, 0.1600, 0.0958
Android (android.graphics.Color)	4278204871 (0xFF0039C7)
YUV	56.1450, 70.4275, -49.2392
Hunter-Lab	26.5514, 32.6754, -103.7238

Details

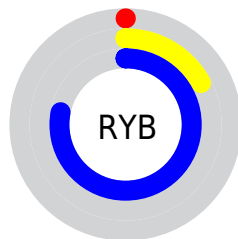
The Hex color **0039C7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C78E00**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6568FF**, and **001090** is the 20% darker color. If you saturate the color by 10%, you get **0039C7**, and if you desaturate by 10%, it is **1447C7**.

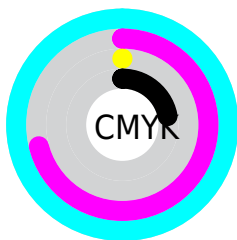
Distribution



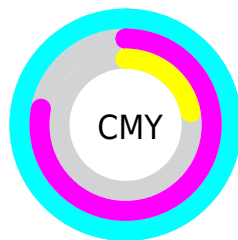
- Red (0%)
- Green (22%)
- Blue (78%)



- Red (0%)
- Yellow (17%)
- Blue (78%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0039C7 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 0039C7 by changing the saturation by 10% instead.

 0039C7

 0039C7


FFFFFF

 0023AB

 6568FF

 001090

 8582FF

 000075

 A49CFF

 00075B

 C3B7FF

 000743

 E2D2FF

 00032C

 FFEFFF

 000116

 000000

 0039C7

 1447C7

 2855C7

 3C64C7

 5072C7

 6480C7

 778EC7

 8B9CC7

 9FABC7

 B3B9C7

Harmonies

Analogous

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



0057DA



0039C7



950093

Triad

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



0039C7



912100



006247

Complementary

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



0039C7



C78E00

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.



006000



0039C7



5E4900

Square

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



0039C7



B2000E



005900



00648E

Rectangle

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



0039C7



B20067



005900



00622F

Sweetspot

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



0039C7



B3C8FF



00C78B



525F80



000000



808080

Same Dimension

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



0039C7



0049FF



2800C7



5A5C63



002FA3



000A24

Inverse Universe

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



C70039



FF0049



9FC700



635A5C



A3002F



24000A

Previews

White Background



This preview shows how the Hex color 0039C7 looks on a white background.

Color Contrast Check

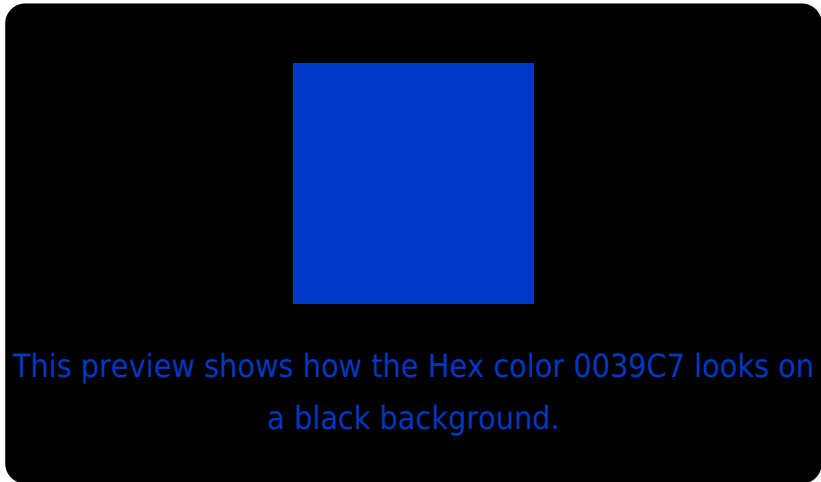
Large Text (above 18pt) WCAG AA ✓ Pass

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

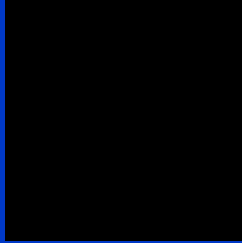
Any Text WCAG AA × Fail

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 0039C7 Background



This preview shows how black text looks on a background with the Hex color 0039C7.



This preview shows how white text looks on a background with the Hex color 0039C7.

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
0039C7

Protanopia
004999

Deuteranopia
004D82

Trichromacy



Original Color
0039C7

Protanomaly
0043AA

Deuteranomaly
00469B

Tritanomaly
004A80

Monochromacy



Original Color
0039C7

Achromatopsia
383838

Achromatomaly
24386C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0039C7 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 #0039C7 looks like.

```
.text, #text, p{  
    color:#0039C7  
}
```

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 #0039C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0039C7
}
```

Border

The CSS property to change the border of an element to Hex 0039C7 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
#0039C7 }
```

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

```
.border{ border-color:#0039C7 }
```

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

Here you see how a box with a 4 pixel #0039C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0039C7; -webkit-box-shadow:4px 4px  
4px 4px #0039C7; box-shadow:4px 4px 4px  
4px #0039C7 }
```

Background

The CSS property to change the background color of an element to Hex 0039C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0039C7 }
```

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

```
.background{ background-color:#0039C7 }
```

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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