

Converting Colors

Hex(0019C3)

Have a look what the booklet for
Hex(0019C3) contains.

Hex(0019C3)	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(0019C3)

Conversions

Conversions Part 1

Format	Color
Hex	0019C3
RGB	0, 25, 195
RGB Percent	0%, 10%, 76%
CMY	1.0000, 0.9020, 0.2353
CMYK	1.00, 0.87, 0.00, 0.24
HSL	232°, 100%, 38%
HSV	232°, 100%, 76%
XYZ	10.1980, 4.6354, 51.9870
YIQ	36.9050, -69.4700, 47.5700

Conversions

Conversions Part 2

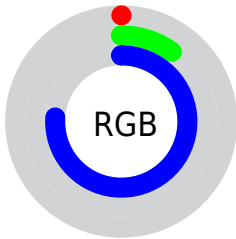
Format	Color
RYB	0, 22, 195
Decimal	6595
CIELab	25.67, 57.98, -84.47
CIELCh	26, 102.457, 304.464
Yxy	4.6354, 0.1526, 0.0694
Android (android.graphics.Color)	4278196675 (0xFF0019C3)
YUV	36.9050, 77.9408, -32.3657
Hunter-Lab	21.5300, 46.8715, -128.0927

Details

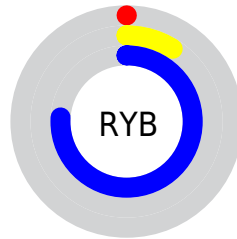
The Hex color **0019C3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C3AA00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **664BFD**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **0019C3**, and if you desaturate by 10%, it is **132AC3**.

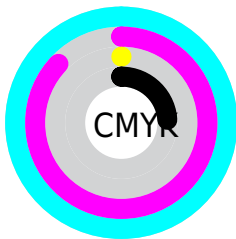
Distribution



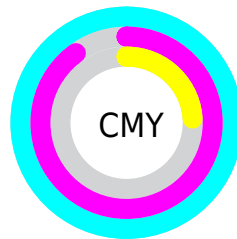
- Red (0%)
- Green (10%)
- Blue (76%)



- Red (0%)
- Yellow (9%)
- Blue (76%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (90%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0019C3 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 0019C3 by changing the saturation by 10% instead.

■ 0019C3

■ 0019C3

FFFFFF

■ 0000A7

■ 664BFD

■ 00008C

■ 8765FF

■ 000071

■ A77FFF

■ 000C57

■ C69AFF

■ 00063F

■ E5B5FF

■ 000328

■ FFD1FF

■ 000112

■ FFEEFF

■ 000000

■ 0019C3

 132AC3

 273BC3

 3B4CC3

 4E5DC3

 626EC3

 757FC3

 8890C3

 9CA1C3

 B0B2C3

Harmonies

Analogous

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



004AE1



0019C3



990082

Triad

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



0019C3



7D0E00



005447

Complementary

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



0019C3



C3AA00

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.



005100



0019C3



413F00

Square

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



0019C3



A60000



004D00



005696

Rectangle

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



0019C3



B1004F



004D00



00532C

Sweetspot

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



0019C3



B1BAFC



00C3A9



525780



000000



808080

Same Dimension

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



0019C3



0020FC



4700C3



575861



0015A1



000421

Inverse Universe

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



C30019



FC0020



7BC300



615758



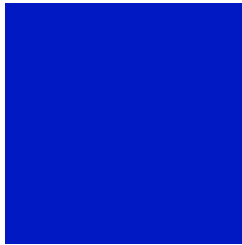
A10015



210004

Previews

White Background



This preview shows how the Hex color 0019C3 looks on a white background.

Color Contrast Check

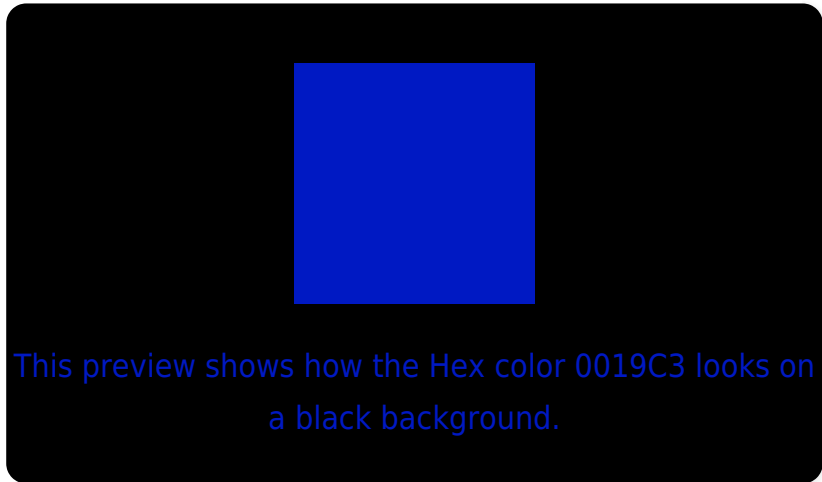
Large Text (above 18pt) WCAG AA ✓ Pass

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

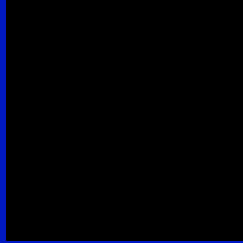
Any Text WCAG AA × Fail

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 0019C3 Background



This preview shows how black text looks on a background with the Hex color 0019C3.

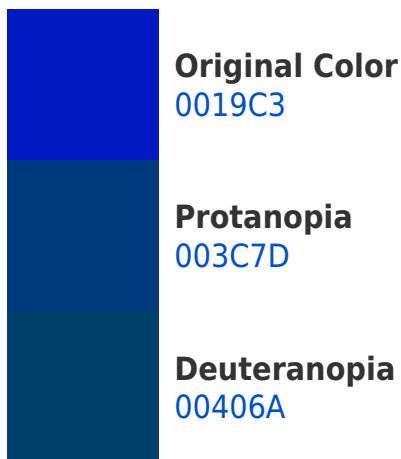


This preview shows how white text looks on a background with the Hex color 0019C3.

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
0019C3

Protanomaly
002F96

Deuteranomaly
00328A

Tritanomaly
003575

Monochromacy



Original Color
0019C3

Achromatopsia
252525

Achromatomaly
18215E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0019C3 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 #0019C3 looks like.

```
.text, #text, p{  
    color:#0019C3  
}
```

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 #0019C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0019C3
}
```

Border

The CSS property to change the border of an element to Hex 0019C3 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
#0019C3 }
```

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

```
.border{ border-color:#0019C3 }
```

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

Here you see how a box with a 4 pixel #0019C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0019C3; -webkit-box-shadow:4px 4px  
4px 4px #0019C3; box-shadow:4px 4px 4px  
4px #0019C3 }
```

Background

The CSS property to change the background color of an element to Hex 0019C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0019C3 }
```

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

```
.background{ background-color:#0019C3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor