

Converting Colors

Hex(0019AF)

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

Hex(0019AF)	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(0019AF)

Conversions

Conversions Part 1

Format	Color
Hex	0019AF
RGB	0, 25, 175
RGB Percent	0%, 10%, 69%
CMY	1.0000, 0.9020, 0.3137
CMYK	1.00, 0.86, 0.00, 0.31
HSL	231°, 100%, 34%
HSV	231°, 100%, 69%
XYZ	8.0855, 3.7904, 40.8629
YIQ	34.6250, -63.0500, 41.3500

Conversions

Conversions Part 2

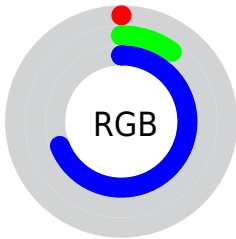
Format	Color
RYB	0, 22, 175
Decimal	6575
CIELab	22.97, 51.94, -77.08
CIELCh	23, 92.948, 303.976
Yxy	3.7904, 0.1533, 0.0719
Android (android.graphics.Color)	4278196655 (0xFF0019AF)
YUV	34.6250, 69.2049, -30.3661
Hunter-Lab	19.4690, 40.0607, -110.8140

Details

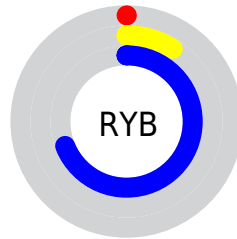
The Hex color **0019AF** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **AF9600**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6049E8**, and **000079** is the 20% darker color. If you saturate the color by 10%, you get **0019AF**, and if you desaturate by 10%, it is **1128AF**.

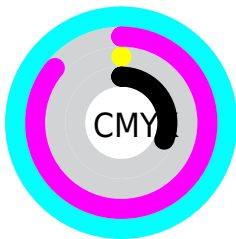
Distribution



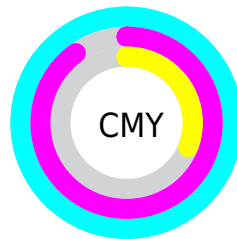
- Red (0%)
- Green (10%)
- Blue (69%)



- Red (0%)
- Yellow (9%)
- Blue (69%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (90%)
- Yellow (31%)

Brightness & Saturation Gradients

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

0019AF

0019AF

FFFFFF

000094

6049E8

000079

8062FF

00005F

9F7CFF

000846

BD96FF

00042F

DCB2FF

000119

FBCEFF

000000

FFE AFF

0019AF

■ 1128AF

■ 2337AF

■ 3546AF

■ 4655AF

■ 5864AF

■ 6973AF

■ 7A82AF

■ 8C91AF

■ 9EA0AF

Harmonies

Analogous

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



0042C9



0019AF



890076

Triad

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



0019AF



710D00



004C3F

Complementary

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



0019AF



AF9600

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.



004900



0019AF



3C3800

Square

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



0019AF



960000



004500



004E85

Rectangle

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



0019AF



9F0048



004500



004B26

Sweetspot

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



0019AF



9FA9E3



00AF95



494F73



F2F2F2



737373

Same Dimension

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



0019AF



0020E3



3D00AF



4E4F57



001596



000317

Inverse Universe

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



AF0019



E30020



72AF00



574E4F



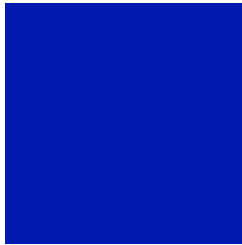
960015



170003

Previews

White Background



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

Color Contrast Check

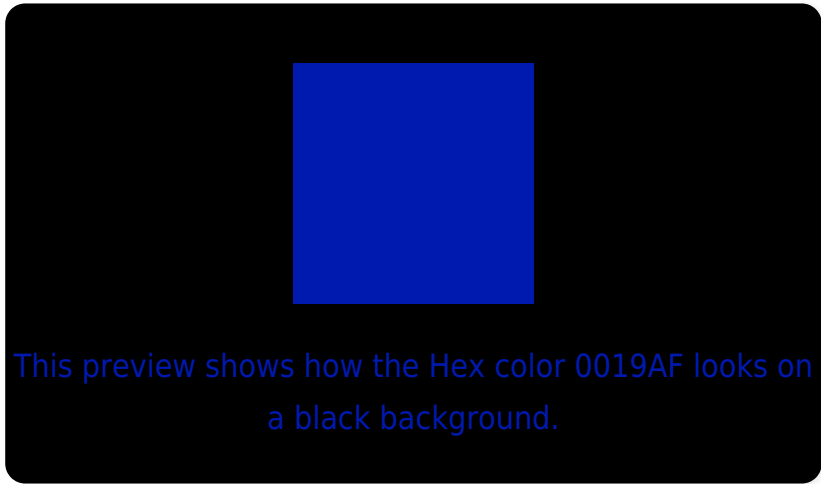
Large Text (above 18pt) WCAG AA ✓ Pass

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

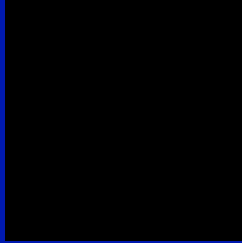
Any Text WCAG AA × Fail

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 0019AF Background



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



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

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
0019AF

Protanopia
003672

Deuteranopia
003A60



Tritanopia
003E41

Trichromacy



Original Color
0019AF

Protanomaly
002B88

Deuteranomaly
002E7D

Tritanomaly
003169

Monochromacy



Original Color
0019AF

Achromatopsia
232323

Achromatomaly
161F56

CSS Examples

Text

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

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

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 #0019AF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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