

Converting Colors

Hex(04119D)

Have a look what the booklet for
Hex(04119D) contains.

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Color

Hex(04119D)

Conversions

Conversions Part 1

Format	Color
Hex	04119D
RGB	4, 17, 157
RGB Percent	2%, 7%, 62%
CMY	0.9843, 0.9333, 0.3843
CMYK	0.97, 0.89, 0.00, 0.38
HSL	235°, 95%, 32%
HSV	235°, 97%, 62%
XYZ	6.3363, 2.8610, 32.1166
YIQ	29.0730, -52.6880, 40.7840

Conversions

Conversions Part 2

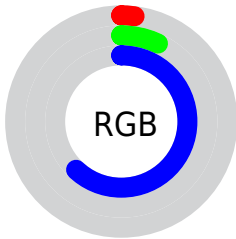
Format	Color
RYB	4, 16, 157
Decimal	266653
CIELab	19.48, 49.81, -71.96
CIELCh	19, 87.522, 304.691
Yxy	2.8610, 0.1534, 0.0693
Android (android.graphics.Color)	4278456733 (0xFF04119D)
YUV	29.0730, 63.0680, -21.9890
Hunter-Lab	16.9146, 37.2668, -100.7367

Details

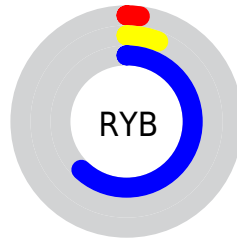
The Hex color **04119D** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9D9004**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5C42D5**, and **000068** is the 20% darker color. If you saturate the color by 10%, you get **000D9D**, and if you desaturate by 10%, it is **141F9D**.

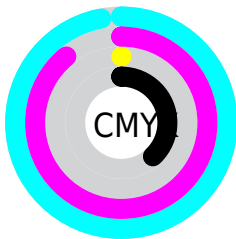
Distribution



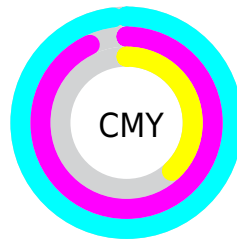
- Red (2%)
- Green (7%)
- Blue (62%)



- Red (2%)
- Yellow (6%)
- Blue (62%)



- Cyan (97%)
- Magenta (89%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (93%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04119D 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 04119D by changing the saturation by 10% instead.

■ 04119D

■ 04119D

FFFEFF

■ 000082

■ 5C42D5

■ 000068

■ 7B5AF2

■ 00074F

■ 9974FF

■ 000537

■ B78EFF

■ 000221

■ D5A9FF

■ 000005

■ F3C5FF

■ 000000

■ FFE1FF

■ 04119D

■ 04119D

000D9D

141F9D

232E9D

333C9D

434A9D

52599D

62679D

72769D

82849D

91929D

Harmonies

Analogous

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



003AB6



04119D



7B0068

Triad

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



04119D



630900



004338

Complementary

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



04119D



9D9004

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.



004100



04119D



323100

Square

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



04119D



850000



003C00



004479

Rectangle

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



04119D



8F003E



003C00



004222

Sweetspot

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



04119D



9196CC



049D8E



424566



E6E6E6



666666

Same Dimension

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



04119D



0011CC



41049D



47484F



000C8F



00010F

Inverse Universe

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



9D0411



CC0011



609D04



4F4748



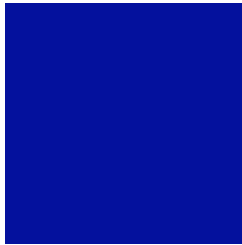
8F000C



0F0001

Previews

White Background



This preview shows how the Hex color 04119D looks on a white background.

Color Contrast Check

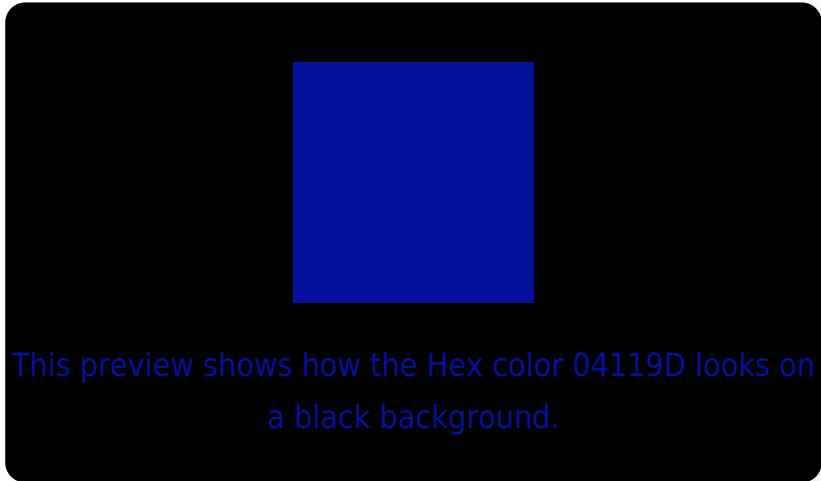
Large Text (above 18pt) WCAG AA ✓ Pass

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

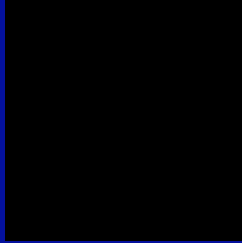
Any Text WCAG AA × Fail

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 04119D Background



This preview shows how black text looks on a background with the Hex color 04119D.



This preview shows how white text looks on a background with the Hex color 04119D.

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

04119D

Protanopia

002F63

Deuteranopia

003354

Trichromacy



Original Color
04119D

Protanomaly
012478

Deuteranomaly
01276F

Tritanomaly
01295D

Monochromacy



Original Color
04119D

Achromatopsia
1D1D1D

Achromatomaly
14194C

CSS Examples

Text

The CSS property to change the color of the text to Hex 04119D 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 #04119D looks like.

```
.text, #text, p{  
    color:#04119D  
}
```

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 #04119D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04119D
}
```

Border

The CSS property to change the border of an element to Hex 04119D 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".

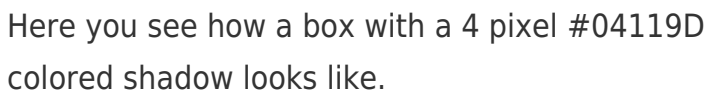
```
.border, #border, table{ border:4px solid
#04119D }
```

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

```
.border{ border-color:#04119D }
```

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

Here you see how a box with a 4 pixel #04119D colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04119D; -webkit-box-shadow:4px 4px  
4px 4px #04119D; box-shadow:4px 4px 4px  
4px #04119D }
```

Background

The CSS property to change the background color of an element to Hex 04119D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04119D }
```

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

```
.background{ background-color:#04119D }
```

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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