

Converting Colors

Hex(24019F)

Have a look what the booklet for
Hex(24019F) contains.

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Color

Hex(24019F)

Conversions

Conversions Part 1

Format	Color
Hex	24019F
RGB	36, 1, 159
RGB Percent	14%, 0%, 62%
CMY	0.8588, 0.9961, 0.3765
CMYK	0.77, 0.99, 0.00, 0.38
HSL	253°, 99%, 31%
HSV	253°, 99%, 62%
XYZ	6.9964, 2.9000, 32.9919
YIQ	29.4770, -29.8580, 56.5580

Conversions

Conversions Part 2

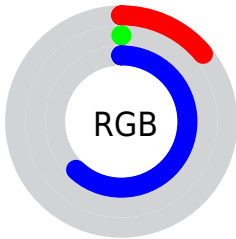
Format	Color
RYB	36, 1, 159
Decimal	2359711
CIELab	19.64, 55.93, -72.89
CIELCh	20, 91.873, 307.502
Yxy	2.9000, 0.1631, 0.0676
Android (android.graphics.Color)	4280549791 (0xFF24019F)
YUV	29.4770, 63.8548, 5.7207
Hunter-Lab	17.0293, 43.5345, -102.9454

Details

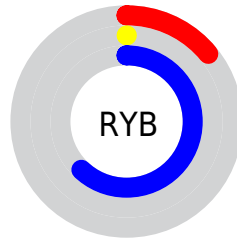
The Hex color **24019F** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **7C9F01**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **693BD7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **23009F**, and if you desaturate by 10%, it is **30119F**.

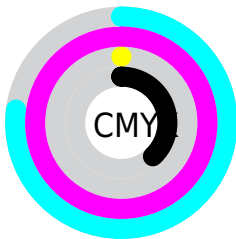
Distribution



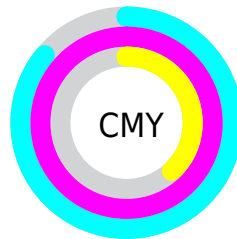
- Red (14%)
- Green (0%)
- Blue (62%)



- Red (14%)
- Yellow (0%)
- Blue (62%)



- Cyan (77%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)



- Cyan (86%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24019F 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 24019F by changing the saturation by 10% instead.

 24019F

 24019F

 FFF9FF

 000084

 693BD7

 00006A

 8754F4

 000251

 A56EFF

 000538

 C389FF

 000222

 E1A4FF

 000008

 FFC0FF

 000000

 FFDCFF

 24019F

 24019F

■ 23009F

■ 30119F

■ 3D219F

■ 49319F

■ 56419F

■ 62519F

■ 6E609F

■ 7B709F

■ 87809F

■ 93909F

Harmonies

Analogous

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



0039BD



24019F



830065

Triad

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



24019F



620F00



004340

Complementary

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



24019F



7C9F01

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.



004200



24019F



2C3300

Square

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



24019F



870000



003E00



004683

Rectangle

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



24019F



950039



003E00



004328

Sweetspot

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



24019F



9E91CF



017D9F



4B4369



E8E8E8



696969

Same Dimension

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



24019F



2E00CF



72019F



49474F



20008F



03000F

Inverse Universe

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



9F017C



CF00A1



2E9F01



4F474D



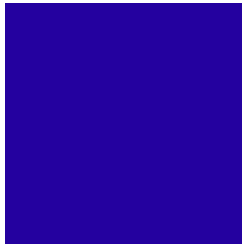
8F006F



0F000C

Previews

White Background



This preview shows how the Hex color 24019F looks on a white background.

Color Contrast Check

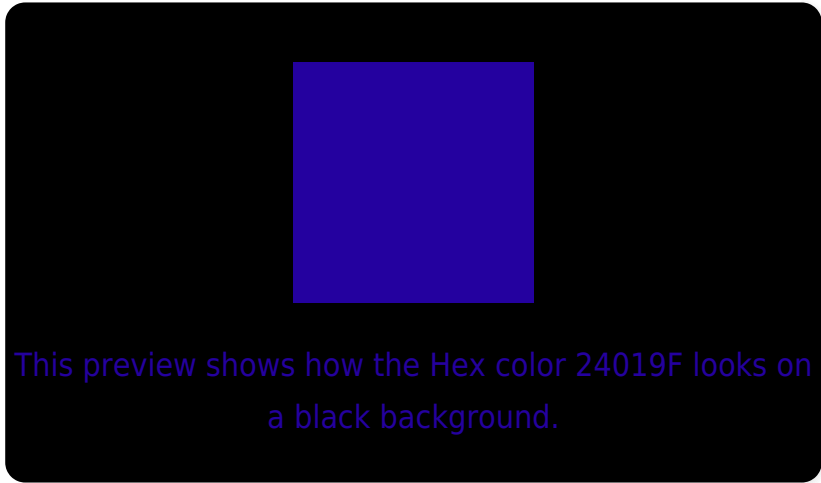
Large Text (above 18pt) WCAG AA ✓ Pass

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

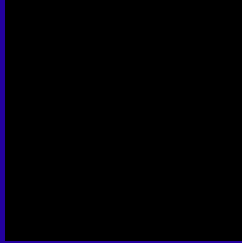
Any Text WCAG AA × Fail

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 24019F Background



This preview shows how black text looks on a background with the Hex color 24019F.



This preview shows how white text looks on a background with the Hex color 24019F.

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
24019F

Protanopia
003166

Deuteranopia
003457



Tritanopia
00383B

Trichromacy



Original Color
24019F

Protanomaly
0D207B

Deuteranomaly
0D2171

Tritanomaly
0D245F

Monochromacy



Original Color
24019F

Achromatopsia
1D1D1D

Achromatomaly
20134C

CSS Examples

Text

The CSS property to change the color of the text to Hex 24019F 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 #24019F looks like.

```
.text, #text, p{  
    color:#24019F  
}
```

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 #24019F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24019F
}
```

Border

The CSS property to change the border of an element to Hex 24019F 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
#24019F }
```

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

```
.border{ border-color:#24019F }
```

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

Here you see how a box with a 4 pixel #24019F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24019F; -webkit-box-shadow:4px 4px  
4px 4px #24019F; box-shadow:4px 4px 4px  
4px #24019F }
```

Background

The CSS property to change the background color of an element to Hex 24019F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24019F }
```

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

```
.background{ background-color:#24019F }
```

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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