

Converting Colors

Hex(06179B)

Have a look what the booklet for
Hex(06179B) contains.

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Color

Hex(06179B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 06179B |
| RGB | 6, 23, 155 |
| RGB Percent | 2%, 9%, 61% |
| CMY | 0.9765, 0.9098, 0.3922 |
| CMYK | 0.96, 0.85, 0.00, 0.39 |
| HSL | 233°, 93%, 32% |
| HSV | 233°, 96%, 61% |
| XYZ | 6.2979, 3.0181, 31.2610 |
| YIQ | 32.9650, -52.5040, 37.4480 |

Conversions

Conversions Part 2

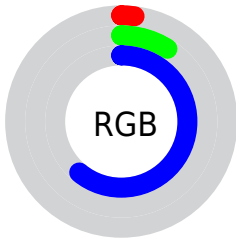
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 6, 21, 155 |
| Decimal | 399259 |
| CIELab | 20.12, 46.65, -69.67 |
| CIELCh | 20, 83.850, 303.808 |
| Yxy | 3.0181, 0.1552, 0.0744 |
| Android (android.graphics.Color) | 4278589339 (0xFF06179B) |
| YUV | 32.9650, 60.1633, -23.6483 |
| Hunter-Lab | 17.3726, 34.3076, -94.5281 |

Details

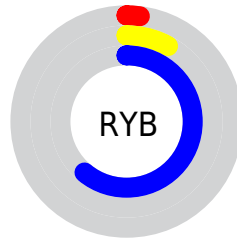
The Hex color **06179B** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9B8A06**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5B46D3**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **00129B**, and if you desaturate by 10%, it is **16259B**.

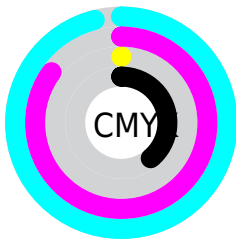
Distribution



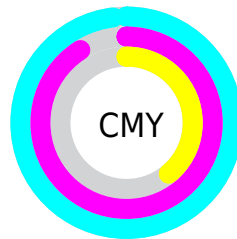
- Red (2%)
- Green (9%)
- Blue (61%)



- Red (2%)
- Yellow (8%)
- Blue (61%)



- Cyan (96%)
- Magenta (85%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (91%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06179B 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 06179B by changing the saturation by 10% instead.

■ 06179B

■ 06179B

FFFFFF

■ 000180

■ 5B46D3

■ 000066

■ 7A5FF0

■ 00064D

■ 9878FF

■ 000535

■ B592FF

■ 00021F

■ D3ADFF

■ 000002

■ F2C9FF

■ 000000

■ FFE5FF

■ 06179B

■ 06179B

■ 00129B

■ 16259B

■ 25329B

■ 35409B

■ 444E9B

■ 545C9B

■ 63699B

■ 73779B

■ 82859B

■ 92939B

Harmonies

Analogous

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



003BB2



06179B



790068

Triad

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



06179B



650D00



004437

Complementary

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



06179B



9B8A06

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



06179B



363200

Square

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



06179B



850000



003D00



004576

Rectangle

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



06179B



8D0040



003D00



004321

Sweetspot

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



06179B



8F96C9



069B8A



424666



E6E6E6



666666

Same Dimension

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



06179B



0017C9



3F069B



45464D



00108C



00010D

Inverse Universe

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



9B0617



C90017



629B06



4D4546



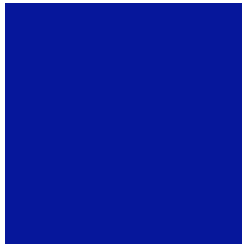
8C0010



0D0001

Previews

White Background



This preview shows how the Hex color 06179B looks on a white background.

Color Contrast Check

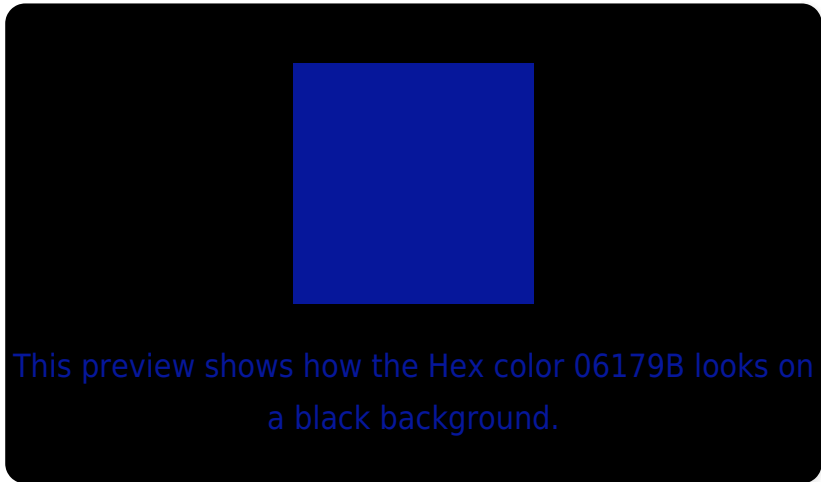
Large Text (above 18pt) WCAG AA ✓ Pass

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

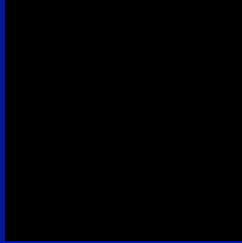
Any Text WCAG AA × Fail

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 06179B Background



This preview shows how black text looks on a background with the Hex color 06179B.



This preview shows how white text looks on a background with the Hex color 06179B.

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
06179B

Protanopia
003065

Deuteranopia
003456



Tritanopia
00383A

Trichromacy



Original Color
06179B

Protanomaly
022779

Deuteranomaly
02296F

Tritanomaly
022C5D

Monochromacy



Original Color
06179B

Achromatopsia
212121

Achromatomaly
171D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 06179B 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 #06179B looks like.

```
.text, #text, p{  
    color:#06179B  
}
```

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 #06179B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06179B
}
```

Border

The CSS property to change the border of an element to Hex 06179B 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
#06179B }
```

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

```
.border{ border-color:#06179B }
```

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

Here you see how a box with a 4 pixel #06179B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06179B; -webkit-box-shadow:4px 4px  
4px 4px #06179B; box-shadow:4px 4px 4px  
4px #06179B }
```

Background

The CSS property to change the background color of an element to Hex 06179B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06179B }
```

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

```
.background{ background-color:#06179B }
```

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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