

Converting Colors

Hex(06159E)

Have a look what the booklet for
Hex(06159E) contains.

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Color

Hex(06159E)

Conversions

Conversions Part 1

Format	Color
Hex	06159E
RGB	6, 21, 158
RGB Percent	2%, 8%, 62%
CMY	0.9765, 0.9176, 0.3804
CMYK	0.96, 0.87, 0.00, 0.38
HSL	234°, 93%, 32%
HSV	234°, 96%, 62%
XYZ	6.5148, 3.0437, 32.5919
YIQ	32.1330, -52.9170, 39.4270

Conversions

Conversions Part 2

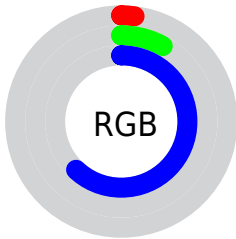
Format	Color
R_{YB}	6, 20, 158
Decimal	398750
CIE _{Lab}	20.22, 48.51, -71.34
CIE _{LCh}	20, 86.274, 304.216
Yxy	3.0437, 0.1546, 0.0722
Android (android.graphics.Color)	4278588830 (0xFF06159E)
YUV	32.1330, 62.0524, -22.9186
Hunter-Lab	17.4461, 36.1257, -98.5500

Details

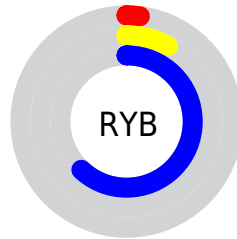
The Hex color **06159E** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9E8F06**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5C45D6**, and **000069** is the 20% darker color. If you saturate the color by 10%, you get **00109E**, and if you desaturate by 10%, it is **16239E**.

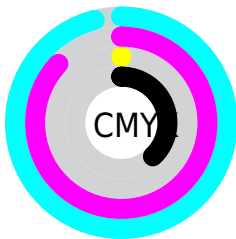
Distribution



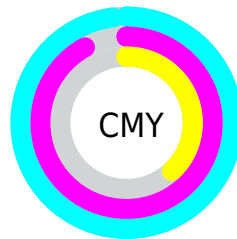
- Red (2%)
- Green (8%)
- Blue (62%)



- Red (2%)
- Yellow (8%)
- Blue (62%)



- Cyan (96%)
- Magenta (87%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (92%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06159E 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 06159E by changing the saturation by 10% instead.

■ 06159E

■ 06159E

FFFFFF

■ 000083

■ 5C45D6

■ 000069

■ 7B5DF3

■ 000550

■ 9977FF

■ 000538

■ B791FF

■ 000221

■ D5ACFF

■ 000007

■ F3C8FF

■ 000000

■ FFE4FF

■ 06159E

■ 06159E

■ 00109E

■ 16239E

■ 26319E

■ 35409E

■ 454E9E

■ 555C9E

■ 656A9E

■ 75799E

■ 84879E

■ 94959E

Harmonies

Analogous

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



003BB6



06159E



7C006A

Triad

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



06159E



660C00



004539

Complementary

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



06159E



9E8F06

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



06159E



353200

Square

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



06159E



870000



003E00



004679

Rectangle

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



06159E



900040



003E00



004422

Sweetspot

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



06159E



9399CF



069E8F



444869



E8E8E8



696969

Same Dimension

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



06159E



0014CF



43069E



47484F



000E8F



00020F

Inverse Universe

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



9E0615



CF0014



619E06



4F4748



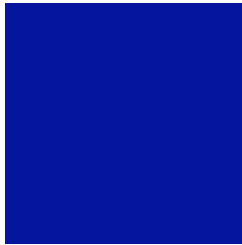
8F000E



0F0002

Previews

White Background



This preview shows how the Hex color 06159E looks on a white background.

Color Contrast Check

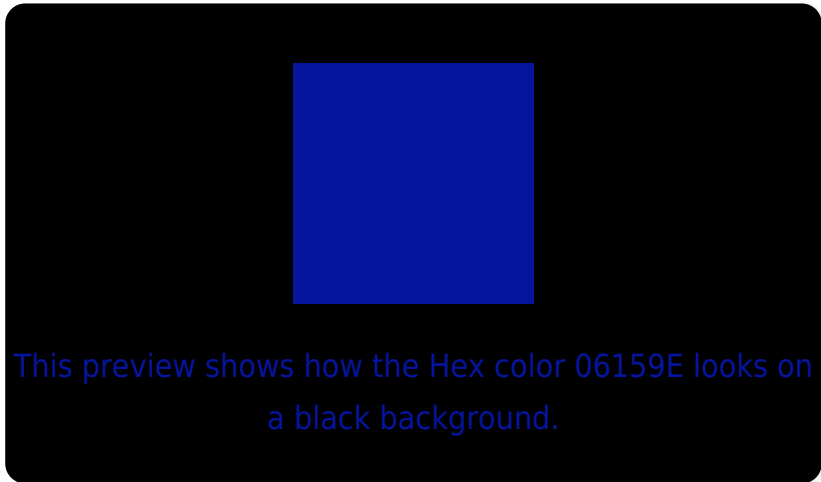
Large Text (above 18pt) WCAG AA ✓ Pass

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

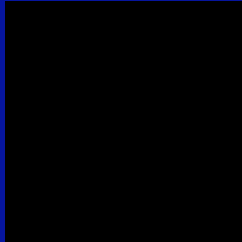
Any Text WCAG AA × Fail

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 06159E Background



This preview shows how black text looks on a background with the Hex color 06159E.



This preview shows how white text looks on a background with the Hex color 06159E.

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
06159E

Protanopia
003166

Deuteranopia
003456



Tritanopia
00383A

Trichromacy



Original Color
06159E

Protanomaly
02277A

Deuteranomaly
022970

Tritanomaly
022B5E

Monochromacy



Original Color
06159E

Achromatopsia
202020

Achromatomaly
171C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 06159E 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 #06159E looks like.

```
.text, #text, p{  
    color:#06159E  
}
```

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 #06159E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06159E
}
```

Border

The CSS property to change the border of an element to Hex 06159E is called "border". The border property can be set on classes, ids or directly on the HTML element.

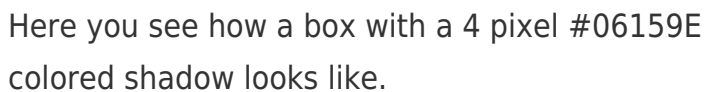
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#06159E }
```

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

```
.border{ border-color:#06159E }
```

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



Here you see how a box with a 4 pixel #06159E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06159E; -webkit-box-shadow:4px 4px  
4px 4px #06159E; box-shadow:4px 4px 4px  
4px #06159E }
```

Background

The CSS property to change the background color of an element to Hex 06159E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06159E }
```

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

```
.background{ background-color:#06159E }
```

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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