

Converting Colors

Hex(081199)

Have a look what the booklet for
Hex(081199) contains.

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Color

Hex(081199)

Conversions

Conversions Part 1

Format	Color
Hex	081199
RGB	8, 17, 153
RGB Percent	3%, 7%, 60%
CMY	0.9686, 0.9333, 0.4000
CMYK	0.95, 0.89, 0.00, 0.40
HSL	236°, 90%, 32%
HSV	236°, 95%, 60%
XYZ	6.0504, 2.7524, 30.3494
YIQ	29.8130, -49.0200, 40.3880

Conversions

Conversions Part 2

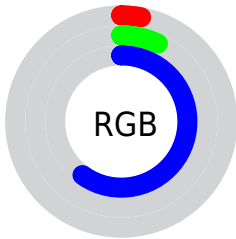
Format	Color
R_{YB}	8, 16, 153
Decimal	528793
CIE _{Lab}	19.02, 48.68, -70.26
CIE _{LCh}	19, 85.474, 304.715
Yxy	2.7524, 0.1545, 0.0703
Android (android.graphics.Color)	4278718873 (0xFF081199)
YUV	29.8130, 60.7312, -19.1300
Hunter-Lab	16.5904, 36.0638, -96.8476

Details

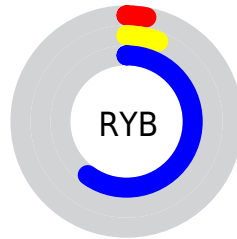
The Hex color **081199** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **999008**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5C41D1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **000999**, and if you desaturate by 10%, it is **171F99**.

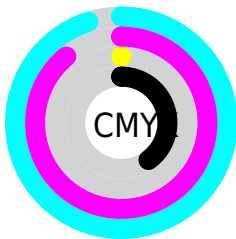
Distribution



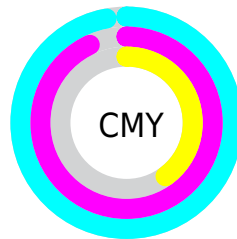
- Red (3%)
- Green (7%)
- Blue (60%)



- Red (3%)
- Yellow (6%)
- Blue (60%)



- Cyan (95%)
- Magenta (89%)
- Yellow (0%)
- Black (40%)




- Cyan (97%)
- Magenta (93%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081199 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 081199 by changing the saturation by 10% instead.

 081199

 081199

 FFFDFF

 00007E

 5C41D1

 000064

 7A5AEE

 00084B

 9873FF

 000434

 B68EFF

 00021D

 D4A9FF

 000000

 F2C4FF

 FFE0FF

 081199

 081199

■ 000999

■ 171F99

■ 272E99

■ 363C99

■ 454A99

■ 555999

■ 646799

■ 737599

■ 828499

■ 929299

Harmonies

Analogous

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



0038B1



081199



780065

Triad

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



081199



610A00



004137

Complementary

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



081199



999008

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.



004000



081199



313000

Square

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



081199



820000



003B00



004376

Rectangle

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



081199



8C003C



003B00



004121

Sweetspot

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



081199



8F93C7



08998F



424463



E3E3E3



636363

Same Dimension

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



081199



000CC7



470899



45454D



00098C



00010D

Inverse Universe

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



990811



C7000C



5A9908



4D4545



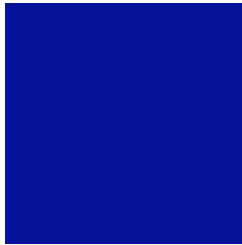
8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 081199 looks on a white background.

Color Contrast Check

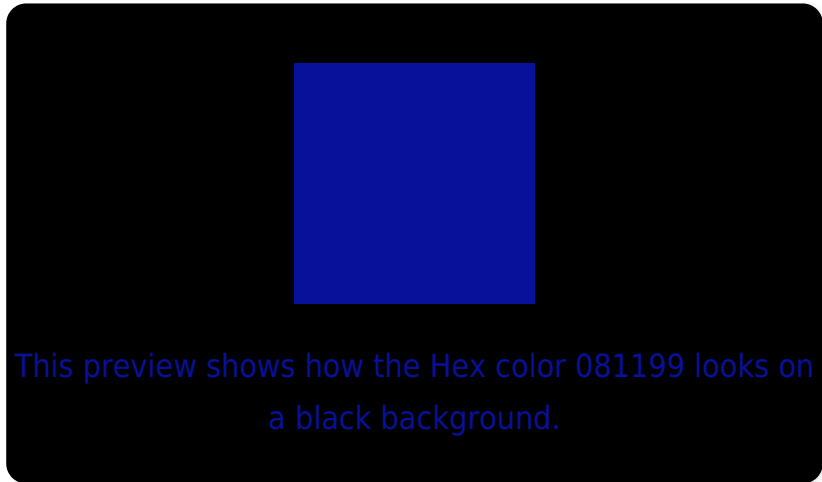
Large Text (above 18pt) WCAG AA ✓ Pass

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

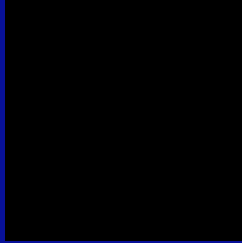
Any Text WCAG AA × Fail

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 081199 Background



This preview shows how black text looks on a background with the Hex color 081199.



This preview shows how white text looks on a background with the Hex color 081199.

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


081199

Protanopia

002E61

Deuteranopia

003252



Tritanopia
003538

Trichromacy



Original Color
081199

Protanomaly
032375

Deuteranomaly
03266C

Tritanomaly
03285B

Monochromacy



Original Color
081199

Achromatopsia
1E1E1E

Achromatomaly
16194B

CSS Examples

Text

The CSS property to change the color of the text to Hex 081199 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 #081199 looks like.

```
.text, #text, p{  
    color:#081199  
}
```

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 #081199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081199
}
```

Border

The CSS property to change the border of an element to Hex 081199 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
#081199 }
```

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

```
.border{ border-color:#081199 }
```

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

Here you see how a box with a 4 pixel #081199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081199; -webkit-box-shadow:4px 4px  
4px 4px #081199; box-shadow:4px 4px 4px  
4px #081199 }
```

Background

The CSS property to change the background color of an element to Hex 081199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081199 }
```

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

```
.background{ background-color:#081199 }
```

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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