

Converting Colors

Hex(0D0519)

Have a look what the booklet for
Hex(0D0519) contains.

Hex(0D0519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D0519)

Conversions

Conversions Part 1

Format	Color
Hex	0D0519
RGB	13, 5, 25
RGB Percent	5%, 2%, 10%
CMY	0.9490, 0.9804, 0.9020
CMYK	0.48, 0.80, 0.00, 0.90
HSL	264°, 67%, 6%
HSV	264°, 80%, 10%
XYZ	0.3957, 0.2643, 0.9499
YIQ	9.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

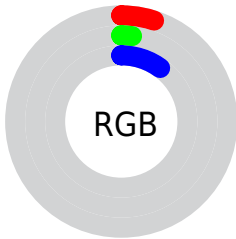
Format	Color
RYB	13, 5, 25
Decimal	853273
CIELab	2.39, 5.92, -9.47
CIELCh	2, 11.168, 302.010
Yxy	0.2643, 0.2458, 0.1642
Android (android.graphics.Color)	4279043353 (0xFF0D0519)
YUV	9.6720, 7.5567, 2.9187
Hunter-Lab	5.1410, 4.7431, -7.3560

Details

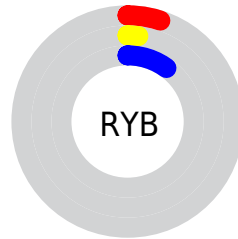
The Hex color **0D0519** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **111905**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **383344**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B0319**, and if you desaturate by 10%, it is **0E0819**.

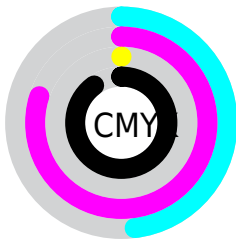
Distribution



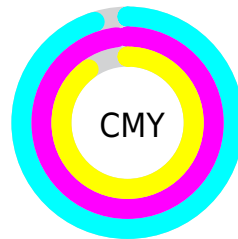
- Red (5%)
- Green (2%)
- Blue (10%)



- Red (5%)
- Yellow (2%)
- Blue (10%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (90%)



- Cyan (95%)
- Magenta (98%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0519 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 0D0519 by changing the saturation by 10% instead.

■ 0D0519

■ 0D0519

■ ECE6FB

■ 000000

■ 383344

■ 4E4A5B

■ 676174

■ 807A8D

■ 9A94A8

■ B5AFC3

■ D0CADF

■ 0D0519

■ 0D0519

■ 0B0319

■ 0E0819

■ 0A0019

■ 100A19

■ 110D19

■ 130F19

■ 141219

■ 161419

■ 181719

■ 191919

■ 1B1C19

Harmonies

Analogous

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



00091B



0D0519



170213

Triad

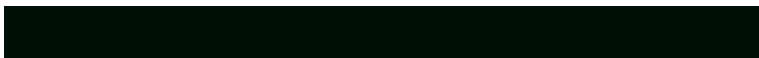
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D0519



160400



001009

Complementary

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



0D0519



111905

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.



000F00



0D0519



0C0900

Square

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



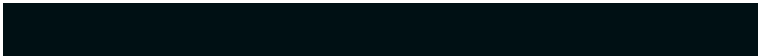
0D0519



1C0100



000D00



001014

Rectangle

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



0D0519



1B000D



000D00



001004

Sweetspot

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



0D0519



1C1921



051119



0F0D12



919191



121212

Same Dimension

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



0D0519



0E0121



170519



0C0B0D



1F004D



5200CC

Inverse Universe

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



190511



210114



071905



0D0B0C



4D002E



CC007A

Previews

White Background



This preview shows how the Hex color 0D0519 looks on a white background.

Color Contrast Check

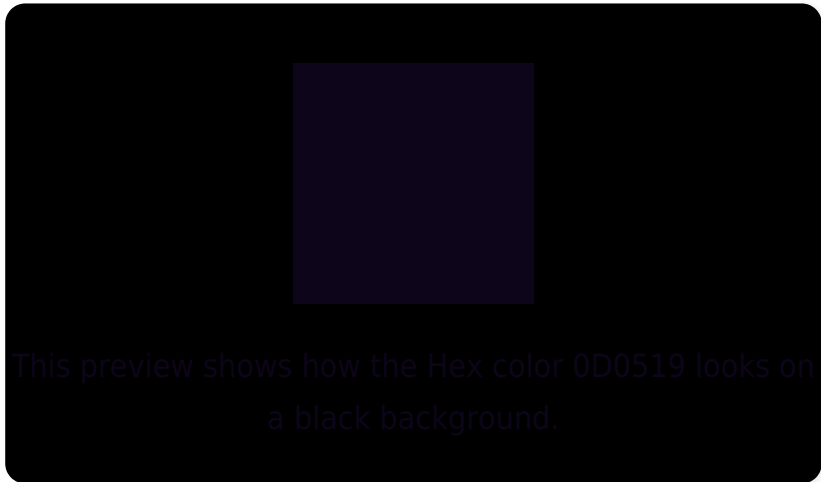
Large Text (above 18pt) WCAG AA ✓ Pass

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

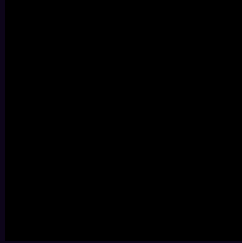
Any Text WCAG AA × Fail

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 0D0519 Background



This preview shows how black text looks on a background with the Hex color 0D0519.



This preview shows how white text looks on a background with the Hex color 0D0519.

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](#).

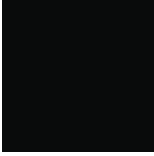
Dichromacy



Original Color
0D0519

Protanopia
000A15

Deuteranopia
000B12



Tritanopia
090B0B

Trichromacy



Original Color
0D0519

Protanomaly
050816

Deuteranomaly
050915

Tritanomaly
0A0910

Monochromacy



Original Color
0D0519

Achromatopsia
0A0A0A

Achromatomaly
0B080F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0519 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 #0D0519 looks like.

```
.text, #text, p{  
    color:#0D0519  
}
```

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 #0D0519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0519
}
```

Border

The CSS property to change the border of an element to Hex 0D0519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

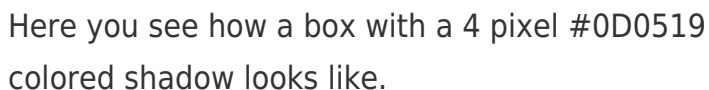
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D0519 }
```

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

```
.border{ border-color:#0D0519 }
```

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



Here you see how a box with a 4 pixel #0D0519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0519; -webkit-box-shadow:4px 4px  
4px 4px #0D0519; box-shadow:4px 4px 4px  
4px #0D0519 }
```

Background

The CSS property to change the background color of an element to Hex 0D0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0519 }
```

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

```
.background{ background-color:#0D0519 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor