

Converting Colors

Hex(051926)

Have a look what the booklet for
Hex(051926) contains.

Hex(051926)	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(051926)

Conversions

Conversions Part 1

Format	Color
Hex	051926
RGB	5, 25, 38
RGB Percent	2%, 10%, 15%
CMY	0.9804, 0.9020, 0.8510
CMYK	0.87, 0.34, 0.00, 0.85
HSL	204°, 77%, 8%
HSV	204°, 87%, 15%
XYZ	0.7601, 0.8675, 1.9611
YIQ	20.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

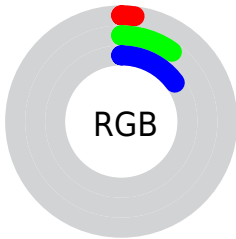
Format	Color
RYB	5, 17, 38
Decimal	334118
CIELab	7.84, -2.64, -11.33
CIELCh	8, 11.633, 256.886
Yxy	0.8675, 0.2118, 0.2417
Android (android.graphics.Color)	4278524198 (0xFF051926)
YUV	20.5020, 8.6265, -13.5953
Hunter-Lab	9.3138, -1.7323, -5.9644

Details

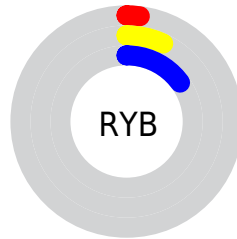
The Hex color **051926** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **261205**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **324453**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **011826**, and if you desaturate by 10%, it is **091A26**.

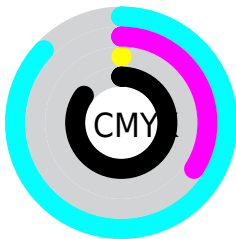
Distribution



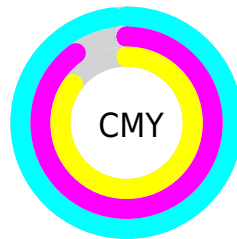
- Red (2%)
- Green (10%)
- Blue (15%)



- Red (2%)
- Yellow (7%)
- Blue (15%)



- Cyan (87%)
- Magenta (34%)
- Yellow (0%)
- Black (85%)



- Cyan (98%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051926 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 051926 by changing the saturation by 10% instead.

■ 051926

■ 051926

■ E8FBFF

■ 000111

■ 324453

■ 000000

■ 495B6B

■ 627484

■ 7B8D9E

■ 95A8B9

■ B0C3D5

■ CBDFF1

■ 051926

■ 051926

■ 011826

■ 091A26

■ 001726

■ 0D1C26

■ 101D26

■ 141F26

■ 182026

■ 1C2226

■ 202326

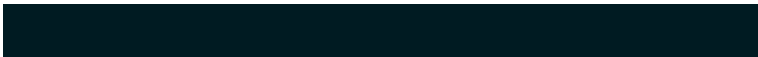
■ 232526

■ 272626

Harmonies

Analogous

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



001B22



051926



131626

Triad

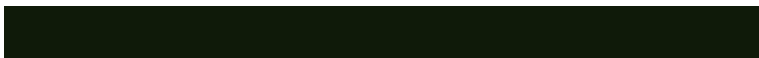
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



051926



261113



0F1A09

Complementary

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



051926



261205

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.



191801



051926



251308

Square

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



051926



24111B



201501



021B13

Rectangle

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



051926



1A1523



201501



131A06

Sweetspot

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



051926



242B30



052612



12161A



999999



1A1A1A

Same Dimension

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



051926



001D30



050926



101112



003152



007FD1

Inverse Universe

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



260519



30001D



262205



121011



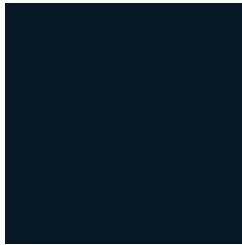
520031



D1007F

Previews

White Background



This preview shows how the Hex color 051926 looks on a white background.

Color Contrast Check

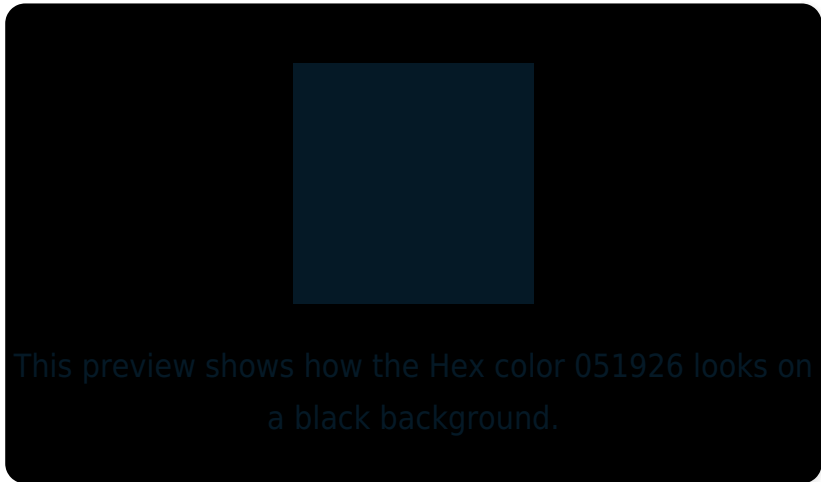
Large Text (above 18pt) WCAG AA ✓ Pass

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

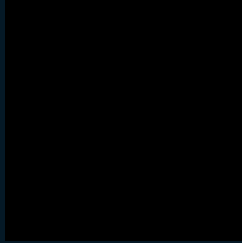
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

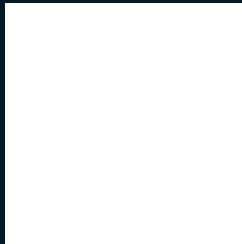
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 051926 Background



This preview shows how black text looks on a background with the Hex color 051926.



This preview shows how white text looks on a background with the Hex color 051926.

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
051926

Protanopia
131725

Deuteranopia
0F1826

Trichromacy



Original Color
051926

Protanomaly
0E1825

Deuteranomaly
0B1826

Tritanomaly
021A20

Monochromacy



Original Color
051926

Achromatopsia
151515

Achromatomaly
0F161B

CSS Examples

Text

The CSS property to change the color of the text to Hex 051926 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 #051926 looks like.

```
.text, #text, p{  
    color:#051926  
}
```

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 #051926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051926
}
```

Border

The CSS property to change the border of an element to Hex 051926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

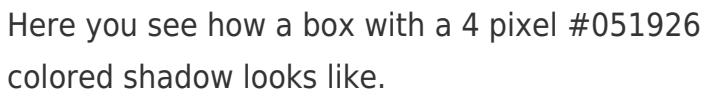
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#051926 }
```

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

```
.border{ border-color:#051926 }
```

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



Here you see how a box with a 4 pixel #051926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051926; -webkit-box-shadow:4px 4px  
4px 4px #051926; box-shadow:4px 4px 4px  
4px #051926 }
```

Background

The CSS property to change the background color of an element to Hex 051926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051926 }
```

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

```
.background{ background-color:#051926 }
```

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