

Converting Colors

Hex(050C1B)

Have a look what the booklet for
Hex(050C1B) contains.

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Color

Hex(050C1B)

Conversions

Conversions Part 1

Format	Color
Hex	050C1B
RGB	5, 12, 27
RGB Percent	2%, 5%, 11%
CMY	0.9804, 0.9529, 0.8941
CMYK	0.81, 0.56, 0.00, 0.89
HSL	221°, 69%, 6%
HSV	221°, 81%, 11%
XYZ	0.3919, 0.3743, 1.0885
YIQ	11.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

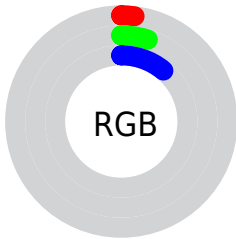
Format	Color
RYB	5, 10, 27
Decimal	330779
CIELab	3.38, 1.48, -9.67
CIELCh	3, 9.781, 278.694
Yxy	0.3743, 0.2113, 0.2018
Android (android.graphics.Color)	4278520859 (0xFF050C1B)
YUV	11.6170, 7.5838, -5.8031
Hunter-Lab	6.1183, 0.7261, -6.2654

Details

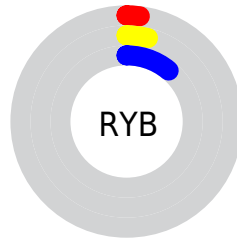
The Hex color **050C1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1405**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **323846**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020A1B**, and if you desaturate by 10%, it is **080E1B**.

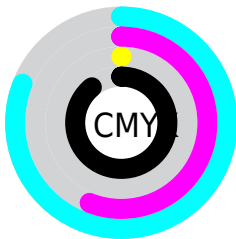
Distribution



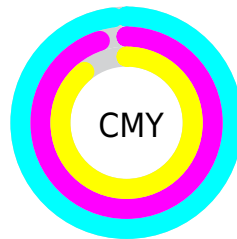
- Red (2%)
- Green (5%)
- Blue (11%)



- Red (2%)
- Yellow (4%)
- Blue (11%)



- Cyan (81%)
- Magenta (56%)
- Yellow (0%)
- Black (89%)



- Cyan (98%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050C1B 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 050C1B by changing the saturation by 10% instead.

■ 050C1B

■ 050C1B

■ E6ECFE

■ 000000

■ 323846

■ 494E5E

■ 616676

■ 7A7F90

■ 9399AA

■ AEB4C6

■ CAD0E2

■ 050C1B

■ 050C1B

■ 020A1B

■ 080E1B

■ 00091B

■ 0A101B

■ 0D121B

■ 10131B

■ 12151B

■ 15171B

■ 18191B

■ 1B1B1B

■ 1D1D1B

Harmonies

Analogous

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



000F1A



050C1B



120819

Triad

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



050C1B



1C0600



001103

Complementary

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



050C1B



1B1405

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.



031000



050C1B



170900

Square

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



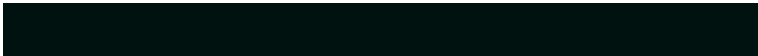
050C1B



1C0509



0F0D00



00120F

Rectangle

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



050C1B



170615



0F0D00



001100

Sweetspot

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



050C1B



1B1E24



051B14



0D0E12



919191



121212

Same Dimension

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



050C1B



010C24



09051B



0B0C0D



00184D



0041CC

Inverse Universe

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



1B050C



24010C



171B05



0D0B0C



4D0018



CC0041

Previews

White Background



This preview shows how the Hex color 050C1B looks on a white background.

Color Contrast Check

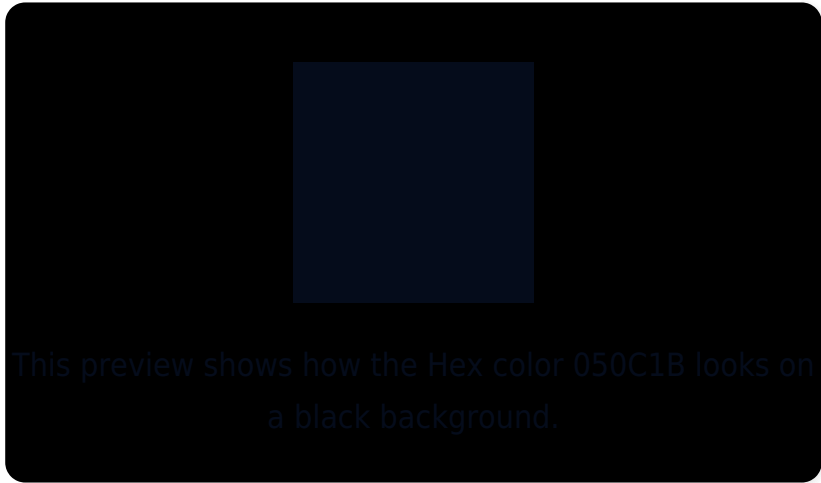
Large Text (above 18pt) WCAG AA ✓ Pass

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

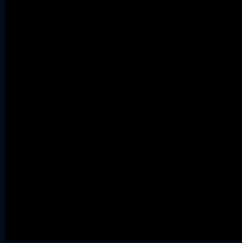
Any Text WCAG AA × Fail

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 050C1B Background



This preview shows how black text looks on a background with the Hex color 050C1B.



This preview shows how white text looks on a background with the Hex color 050C1B.

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
050C1B

Protanopia
000C1A

Deuteranopia
000D17



Tritanopia
000E0F

Trichromacy



Original Color
050C1B

Protanomaly
020C1A

Deuteranomaly
020D18

Tritanomaly
020D13

Monochromacy



Original Color
050C1B

Achromatopsia
0C0C0C

Achromatomaly
090C11

CSS Examples

Text

The CSS property to change the color of the text to Hex 050C1B 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 #050C1B looks like.

```
.text, #text, p{  
    color:#050C1B  
}
```

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 #050C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050C1B
}
```

Border

The CSS property to change the border of an element to Hex 050C1B 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
#050C1B }
```

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

```
.border{ border-color:#050C1B }
```

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

Here you see how a box with a 4 pixel #050C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050C1B; -webkit-box-shadow:4px 4px  
4px 4px #050C1B; box-shadow:4px 4px 4px  
4px #050C1B }
```

Background

The CSS property to change the background color of an element to Hex 050C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050C1B }
```

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

```
.background{ background-color:#050C1B }
```

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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