

Converting Colors

Hex(051021)

Have a look what the booklet for
Hex(051021) contains.

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Color

Hex(051021)

Conversions

Conversions Part 1

Format	Color
Hex	051021
RGB	5, 16, 33
RGB Percent	2%, 6%, 13%
CMY	0.9804, 0.9373, 0.8706
CMYK	0.85, 0.52, 0.00, 0.87
HSL	216°, 74%, 7%
HSV	216°, 85%, 13%
XYZ	0.5224, 0.5127, 1.5103
YIQ	14.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

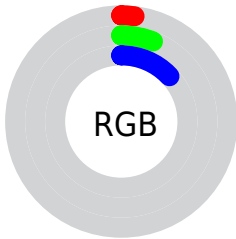
Format	Color
R _Y B	5, 13, 33
Decimal	331809
CIE Lab	4.63, 1.44, -12.48
CIE LCh	5, 12.566, 276.576
Yxy	0.5127, 0.2052, 0.2014
Android (android.graphics.Color)	4278521889 (0xFF051021)
YUV	14.6490, 9.0470, -8.4622
Hunter-Lab	7.1600, 0.4934, -7.4941

Details

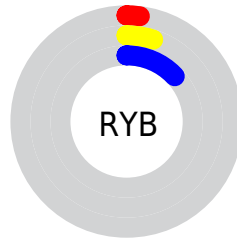
The Hex color **051021** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **211605**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **323B4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020E21**, and if you desaturate by 10%, it is **081221**.

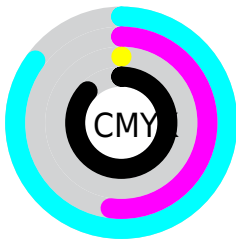
Distribution



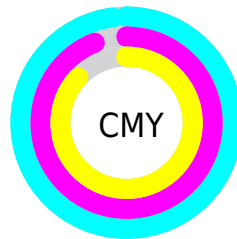
- Red (2%)
- Green (6%)
- Blue (13%)



- Red (2%)
- Yellow (5%)
- Blue (13%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)
- Black (87%)



- Cyan (98%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051021 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 051021 by changing the saturation by 10% instead.

■ 051021

■ 051021

■ E6F0FF

■ 000008

■ 323B4D

■ 000000

■ 495265

■ 616A7E

■ 7A8398

■ 949DB3

■ AFB8CE

■ CAD3EB

■ 051021

■ 051021

■ 020E21

■ 081221

■ 000D21

■ 0C1421

■ 0F1621

■ 121821

■ 161A21

■ 191C21

■ 1C1E21

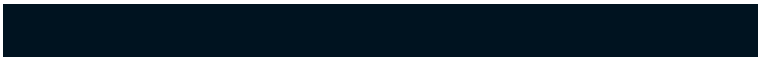
■ 1F2021

■ 232221

Harmonies

Analogous

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



001320



051021



150C1E

Triad

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



051021



220800



001504

Complementary

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



051021



211605

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.



071300



051021



1C0C00

Square

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



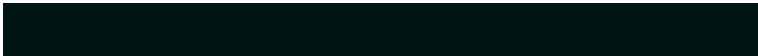
051021



21070E



141000



001612

Rectangle

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



051021



1B091A



141000



001500

Sweetspot

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



051021



21252B



052116



101317



969696



171717

Same Dimension

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



051021



00112B



080521



0E0E0F



001F4F



0051CF

Inverse Universe

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



210510



2B0011



1E2105



0F0E0E



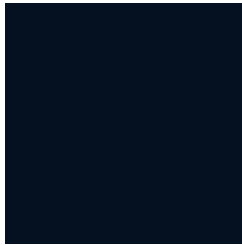
4F001F



CF0051

Previews

White Background



This preview shows how the Hex color 051021 looks on a white background.

Color Contrast Check

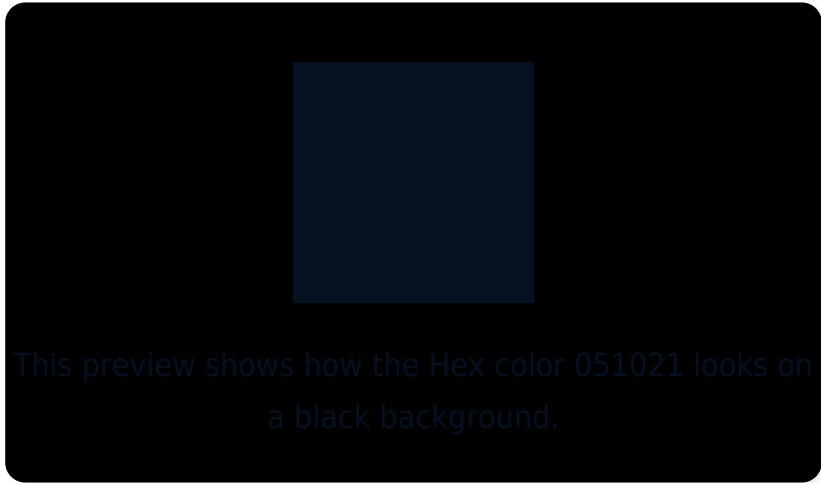
Large Text (above 18pt) WCAG AA ✓ Pass

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

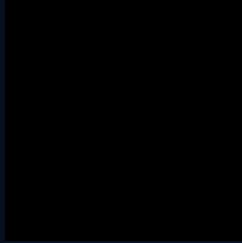
Any Text WCAG AA × Fail

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 051021 Background



This preview shows how black text looks on a background with the Hex color 051021.



This preview shows how white text looks on a background with the Hex color 051021.

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
051021

Protanopia
051021

Deuteranopia
00111D



Tritanopia
001214

Trichromacy



Original Color
051021

Protanomaly
051021

Deuteranomaly
02111E

Tritanomaly
021119

Monochromacy



Original Color
051021

Achromatopsia
0F0F0F

Achromatomaly
0B0F16

CSS Examples

Text

The CSS property to change the color of the text to Hex 051021 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 #051021 looks like.

```
.text, #text, p{  
    color:#051021  
}
```

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 #051021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051021
}
```

Border

The CSS property to change the border of an element to Hex 051021 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
#051021 }
```

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

```
.border{ border-color:#051021 }
```

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

Here you see how a box with a 4 pixel #051021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051021; -webkit-box-shadow:4px 4px  
4px 4px #051021; box-shadow:4px 4px 4px  
4px #051021 }
```

Background

The CSS property to change the background color of an element to Hex 051021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051021 }
```

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

```
.background{ background-color:#051021 }
```

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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