

Converting Colors

Hex(051B52)

Have a look what the booklet for
Hex(051B52) contains.

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Color

Hex(051B52)

Conversions

Conversions Part 1

Format	Color
Hex	051B52
RGB	5, 27, 82
RGB Percent	2%, 11%, 32%
CMY	0.9804, 0.8941, 0.6784
CMYK	0.94, 0.67, 0.00, 0.68
HSL	223°, 89%, 17%
HSV	223°, 94%, 32%
XYZ	1.9775, 1.4253, 8.1535
YIQ	26.6920, -30.7670, 12.4410

Conversions

Conversions Part 2

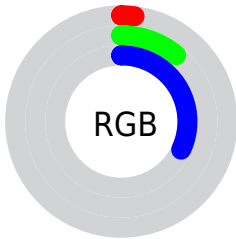
Format	Color
R_{YB}	5, 22, 82
Decimal	334674
CIE _{Lab}	12.13, 16.29, -35.81
CIE _{LCh}	12, 39.339, 294.462
Yxy	1.4253, 0.1711, 0.1233
Android (android.graphics.Color)	4278524754 (0xFF051B52)
YUV	26.6920, 27.2668, -19.0239
Hunter-Lab	11.9387, 8.6738, -32.1350

Details

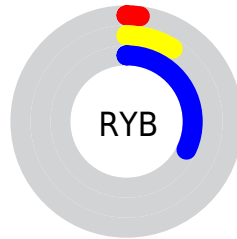
The Hex color **051B52** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **523C05**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **414684**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **001752**, and if you desaturate by 10%, it is **0D2152**.

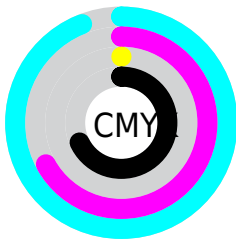
Distribution



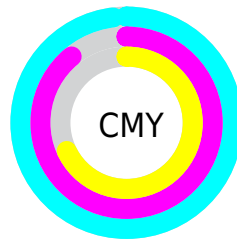
- Red (2%)
- Green (11%)
- Blue (32%)



- Red (2%)
- Yellow (9%)
- Blue (32%)



- Cyan (94%)
- Magenta (67%)
- Yellow (0%)
- Black (68%)



- Cyan (98%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051B52 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 051B52 by changing the saturation by 10% instead.

■ 051B52

■ 051B52

FFFEFF

■ 00003B

■ 414684

■ 000224

■ 5B5D9F

■ 00000C

■ 7576BA

■ 000000

■ 9090D6

■ ABAAF2

■ C7C5FF

■ E4E1FF

■ 051B52

■ 051B52

■ 001752

■ 0D2152

■ 152752

■ 1E2D52

■ 263252

■ 2E3852

■ 363E52

■ 3E4452

■ 474A52

■ 4F5052

Harmonies

Analogous

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



002557



051B52



3A0840

Triad

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



051B52



400F00



002B1A

Complementary

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



051B52



523C05

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.



002900



051B52



2D1D00

Square

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



051B52



4C0007



132500



002B36

Rectangle

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



051B52



47002F



132500



002A0F

Sweetspot

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



051B52



4D566B



05523B



232936



B5B5B5



363636

Same Dimension

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



051B52



001F6B



140552



252629



001E69



0042E8

Inverse Universe

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



52051B



6B001F



435205



292526



69001E



E80042

Previews

White Background



This preview shows how the Hex color 051B52 looks on a white background.

Color Contrast Check

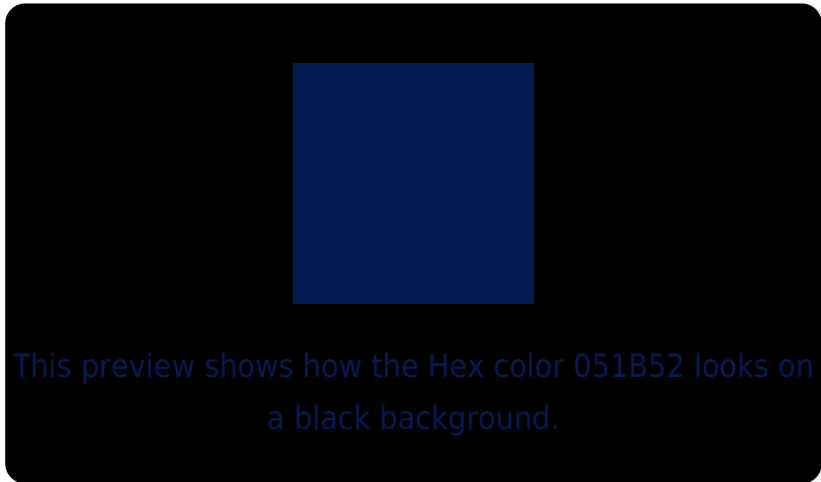
Large Text (above 18pt) WCAG AA ✓ Pass

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

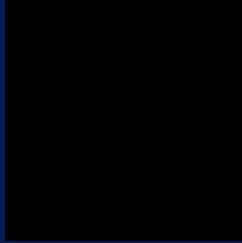
Any Text WCAG AA × Fail

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 051B52 Background



This preview shows how black text looks on a background with the Hex color 051B52.



This preview shows how white text looks on a background with the Hex color 051B52.

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
051B52

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
051B52

Protanomaly
021E48

Deuteranomaly
021F42

Tritanomaly
022137

Monochromacy



Original Color
051B52

Achromatopsia
1B1B1B

Achromatomaly
131B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 051B52 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 #051B52 looks like.

```
.text, #text, p{  
    color:#051B52  
}
```

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 #051B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051B52
}
```

Border

The CSS property to change the border of an element to Hex 051B52 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".

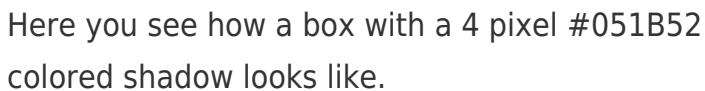
```
.border, #border, table{ border:4px solid
#051B52 }
```

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

```
.border{ border-color:#051B52 }
```

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

Here you see how a box with a 4 pixel #051B52 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051B52; -webkit-box-shadow:4px 4px  
4px 4px #051B52; box-shadow:4px 4px 4px  
4px #051B52 }
```

Background

The CSS property to change the background color of an element to Hex 051B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051B52 }
```

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

```
.background{ background-color:#051B52 }
```

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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