

Converting Colors

Hex(102F01)

Have a look what the booklet for
Hex(102F01) contains.

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Color

Hex(102F01)

Conversions

Conversions Part 1

Format	Color
Hex	102F01
RGB	16, 47, 1
RGB Percent	6%, 18%, 0%
CMY	0.9373, 0.8157, 0.9961
CMYK	0.66, 0.00, 0.98, 0.82
HSL	100°, 96%, 9%
HSV	100°, 98%, 18%
XYZ	1.2357, 2.1454, 0.3777
YIQ	32.4870, -3.7100, -20.8780

Conversions

Conversions Part 2

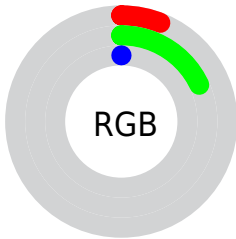
Format	Color
R_{YB}	1, 47, 32
Decimal	1060609
CIE _{Lab}	16.23, -21.36, 22.58
CIE _{LCh}	16, 31.088, 133.409
Yxy	2.1454, 0.3287, 0.5708
Android (android.graphics.Color)	4279250689 (0xFF102F01)
YUV	32.4870, -15.5231, -14.4591
Hunter-Lab	14.6471, -10.5736, 8.7241

Details

The Hex color **102F01** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20012F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3D5D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F2F00**, and if you desaturate by 10%, it is **132F06**.

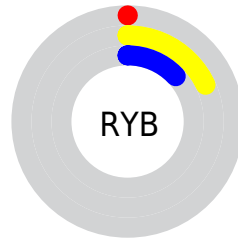
Distribution



Red (6%)

Green (18%)

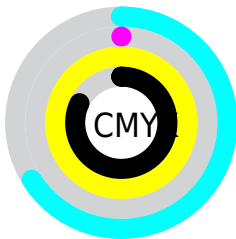
Blue (0%)



Red (0%)

Yellow (18%)

Blue (13%)

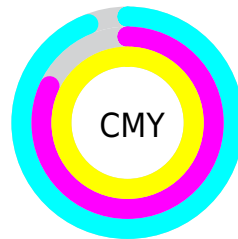


Cyan (66%)

Magenta (0%)

Yellow (98%)

Black (82%)



Cyan (94%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102F01 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 102F01 by changing the saturation by 10% instead.

 102F01

 102F01

 F7FFE4

 001C00

 3D5D30

 000000

 567647

 6F905F

 88AB78

 A3C692

 BEE2AC

 DBFFC8

 102F01

 102F01

■ 0F2F00

■ 132F06

■ 162F0A

■ 1A2F0F

■ 1D2F14

■ 202F18

■ 232F1D

■ 262F22

■ 292F27

■ 2D2F2B

Harmonies

Analogous

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



2A2A00



102F01



00311B

Triad

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



102F01



002E53



4F101F

Complementary

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



102F01



20012F

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.



491335



102F01



032854

Square

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



102F01



003146



351D49



4A1808

Rectangle

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



102F01



00322A



351D49



4F0F27

Sweetspot

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



102F01



313D2B



2F2001



171F14



9E9E9E



1F1F1F

Same Dimension

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



102F01



143D00



012F09



151715



1C5700



46D600

Inverse Universe

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



20012F



29003D



2F0127



161517



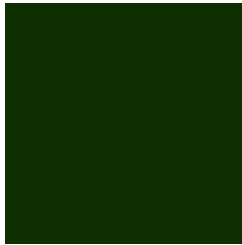
3A0057



9000D6

Previews

White Background



This preview shows how the Hex color 102F01 looks on a white background.

Color Contrast Check

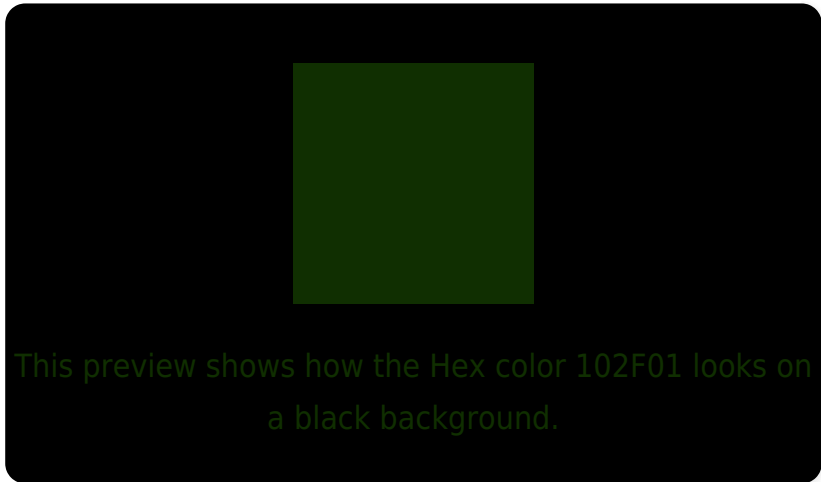
Large Text (above 18pt) WCAG AA ✓ Pass

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

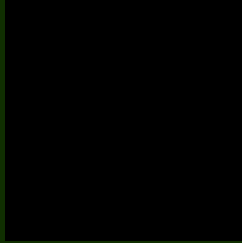
Any Text WCAG AA × Fail

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 102F01 Background



This preview shows how black text looks on a background with the Hex color 102F01.



This preview shows how white text looks on a background with the Hex color 102F01.

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
102F01

Protanopia
2E2900

Deuteranopia
33270A



Tritanopia
192C2F

Trichromacy



Original Color
102F01

Protanomaly
232B00

Deuteranomaly
262A07

Tritanomaly
162D1E

Monochromacy



Original Color
102F01

Achromatopsia
202020

Achromatomaly
1A2515

CSS Examples

Text

The CSS property to change the color of the text to Hex 102F01 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 #102F01 looks like.

```
.text, #text, p{  
    color:#102F01  
}
```

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 #102F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102F01
}
```

Border

The CSS property to change the border of an element to Hex 102F01 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".

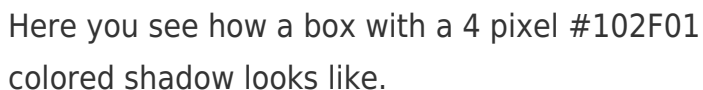
```
.border, #border, table{ border:4px solid
#102F01 }
```

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

```
.border{ border-color:#102F01 }
```

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

Here you see how a box with a 4 pixel #102F01 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102F01; -webkit-box-shadow:4px 4px  
4px 4px #102F01; box-shadow:4px 4px 4px  
4px #102F01 }
```

Background

The CSS property to change the background color of an element to Hex 102F01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102F01 }
```

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

```
.background{ background-color:#102F01 }
```

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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