

Converting Colors

Hex(01170F)

Have a look what the booklet for
Hex(01170F) contains.

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Color

Hex(01170F)

Conversions

Conversions Part 1

Format	Color
Hex	01170F
RGB	1, 23, 15
RGB Percent	0%, 9%, 6%
CMY	0.9961, 0.9098, 0.9412
CMYK	0.96, 0.00, 0.35, 0.91
HSL	158°, 92%, 5%
HSV	158°, 96%, 9%
XYZ	0.4051, 0.6537, 0.5568
YIQ	15.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

Format	Color
RYB	1, 14, 23
Decimal	71439
CIELab	5.91, -8.86, 2.22
CIELCh	6, 9.131, 165.944
Yxy	0.6537, 0.2508, 0.4046
Android (android.graphics.Color)	4278261519 (0xFF01170F)
YUV	15.5100, -0.2514, -12.7253
Hunter-Lab	8.0854, -5.2053, 1.5770

Details

The Hex color **01170F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **170109**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **30413A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00170F**, and if you desaturate by 10%, it is **031710**.

Distribution



Red (0%)

Green (9%)

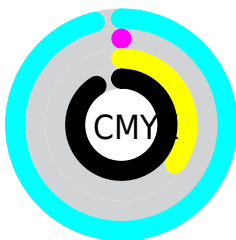
Blue (6%)



Red (0%)

Yellow (5%)

Blue (9%)

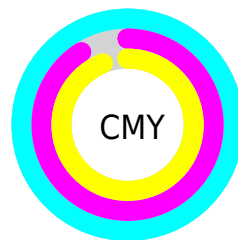


Cyan (96%)

Magenta (0%)

Yellow (35%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01170F 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 01170F by changing the saturation by 10% instead.

01170F

01170F

E3F8EF

000000

30413A

465851

5E7169

778A82

91A59C

ABC0B7

C7DCD2

01170F

01170F

■ 00170F

■ 031710

■ 061711

■ 081712

■ 0A1712

■ 0D1713

■ 0F1714

■ 111715

■ 131716

■ 161717

Harmonies

Analogous

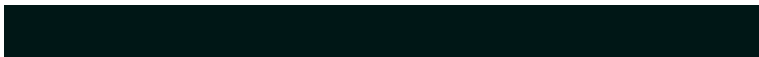
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0C1606



01170F



001716

Triad

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



01170F



10121F



1F0F06

Complementary

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



01170F



170109

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.



200E0F



01170F



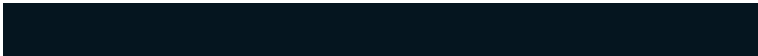
19101C

Square

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



01170F



05151F



1E0E17



1C1100

Rectangle

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



01170F



00171A



1E0E17



200F09

Sweetspot

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



01170F



161F1B



091701



0A0F0D



8F8F8F



0F0F0F

Same Dimension

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



01170F



001F13



011417



0B0D0C



004D31



00CC82

Inverse Universe

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



170109



1F000B



170401



0D0B0C



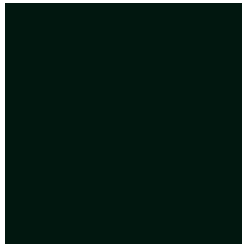
4D001C



CC004A

Previews

White Background



This preview shows how the Hex color 01170F looks on a white background.

Color Contrast Check

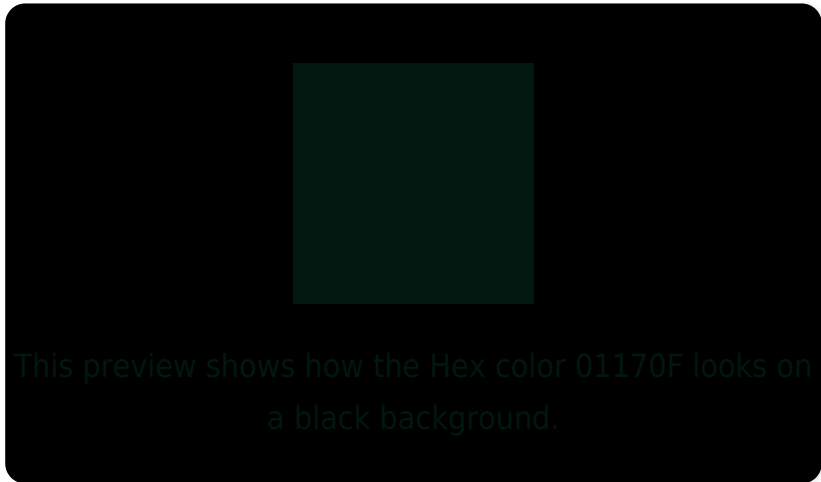
Large Text (above 18pt) WCAG AA ✓ Pass

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 01170F Background



This preview shows how black text looks on a background with the Hex color 01170F.



This preview shows how white text looks on a background with the Hex color 01170F.

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
01170F

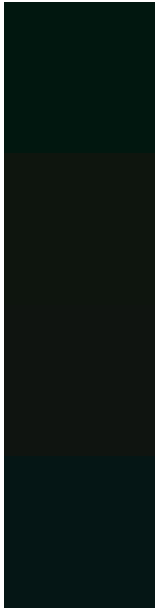
Protanopia
16140E

Deuteranopia
171310



Tritanopia
081618

Trichromacy



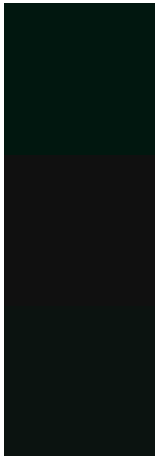
Original Color
01170F

Protanomaly
0E150E

Deuteranomaly
0F1410

Tritanomaly
051615

Monochromacy



Original Color
01170F

Achromatopsia
101010

Achromatomaly
0B1310

CSS Examples

Text

The CSS property to change the color of the text to Hex 01170F 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 #01170F looks like.

```
.text, #text, p{  
    color:#01170F  
}
```

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 #01170F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01170F
}
```

Border

The CSS property to change the border of an element to Hex 01170F is called "border". The border property can be set on classes, ids or directly on the HTML element.

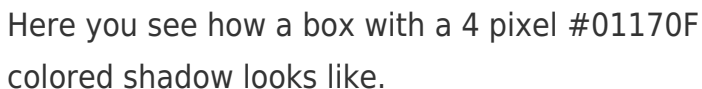
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01170F }
```

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

```
.border{ border-color:#01170F }
```

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



Here you see how a box with a 4 pixel #01170F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01170F; -webkit-box-shadow:4px 4px  
4px 4px #01170F; box-shadow:4px 4px 4px  
4px #01170F }
```

Background

The CSS property to change the background color of an element to Hex 01170F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01170F }
```

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

```
.background{ background-color:#01170F }
```

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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