

Converting Colors

Hex(03170C)

Have a look what the booklet for
Hex(03170C) contains.

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Color

Hex(03170C)

Conversions

Conversions Part 1

Format	Color
Hex	03170C
RGB	3, 23, 12
RGB Percent	1%, 9%, 5%
CMY	0.9882, 0.9098, 0.9529
CMYK	0.87, 0.00, 0.48, 0.91
HSL	147°, 77%, 5%
HSV	147°, 87%, 9%
XYZ	0.4103, 0.6587, 0.4533
YIQ	15.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

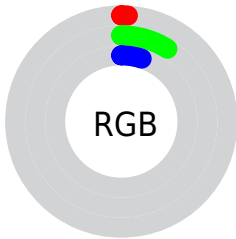
Format	Color
RYB	3, 17, 23
Decimal	202508
CIELab	5.95, -8.84, 3.77
CIELCh	6, 9.611, 156.877
Yxy	0.6587, 0.2695, 0.4327
Android (android.graphics.Color)	4278392588 (0xFF03170C)
YUV	15.7660, -1.8566, -11.1958
Hunter-Lab	8.1160, -5.1788, 2.3694

Details

The Hex color **03170C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17030E**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **314137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01170B**, and if you desaturate by 10%, it is **05170D**.

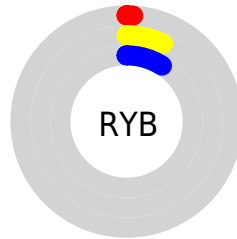
Distribution



Red (1%)

Green (9%)

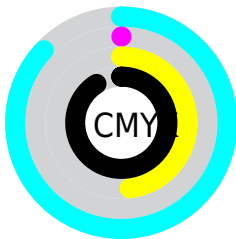
Blue (5%)



Red (1%)

Yellow (7%)

Blue (9%)

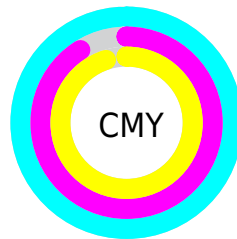


Cyan (87%)

Magenta (0%)

Yellow (48%)

Black (91%)



Cyan (99%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03170C 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 03170C by changing the saturation by 10% instead.

■ 03170C

■ 03170C

■ E4F8EC

■ 000000

■ 314137

■ 48594E

■ 607166

■ 788A7F

■ 92A599

■ ADC0B4

■ C8DCD0

■ 03170C

■ 03170C

■ 01170B

■ 05170D

■ 00170A

■ 08170F

■ 0A1710

■ 0C1711

■ 0E1712

■ 111714

■ 131715

■ 151716

■ 181717

Harmonies

Analogous

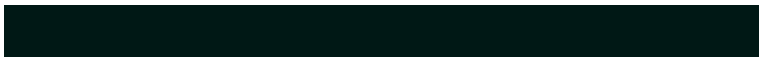
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0F1503



03170C



001815

Triad

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



03170C



0D1320



200F08

Complementary

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



03170C



17030E

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.



200E12



03170C



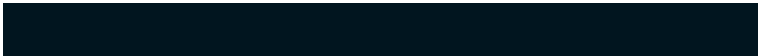
17111E

Square

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



03170C



01151F



1D0F19



1E1100

Rectangle

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



03170C



001719



1D0F19



210E0B

Sweetspot

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



03170C



171F1A



0E1703



0B0F0D



8F8F8F



0F0F0F

Same Dimension

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



03170C



001F0E



031716



0B0D0C



004D22



00CC5C

Inverse Universe

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



17030E



1F0011



170304



0D0B0C



4D002A



CC0070

Previews

White Background



This preview shows how the Hex color 03170C looks on a white background.

Color Contrast Check

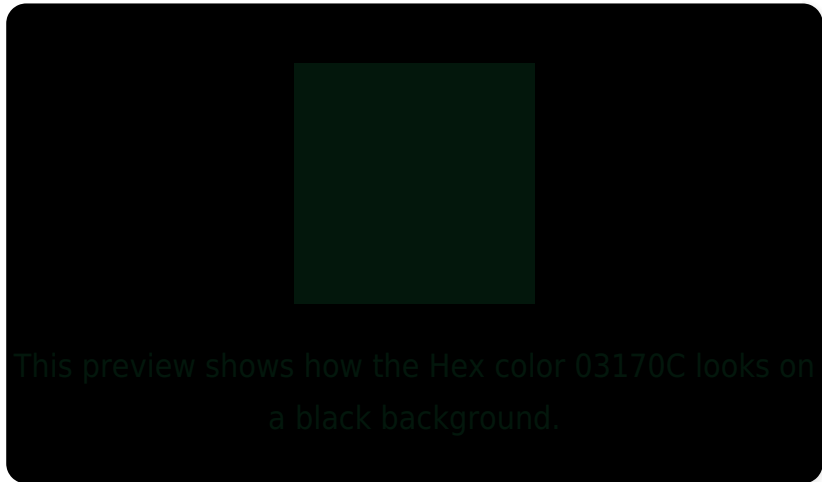
Large Text (above 18pt) WCAG AA ✓ Pass

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

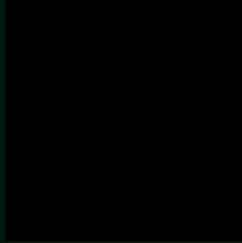
Any Text WCAG AA × Fail

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 03170C Background



This preview shows how black text looks on a background with the Hex color 03170C.



This preview shows how white text looks on a background with the Hex color 03170C.

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
03170C

Protanopia
16140B

Deuteranopia
18130D



Tritanopia
091617

Trichromacy



Original Color

03170C

Protanomaly

0F150B

Deuteranomaly

10140D

Tritanomaly

071613

Monochromacy



Original Color

03170C

Achromatopsia

101010

Achromatomaly

0B130F

CSS Examples

Text

The CSS property to change the color of the text to Hex 03170C 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 #03170C looks like.

```
.text, #text, p{  
    color:#03170C  
}
```

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 #03170C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03170C
}
```

Border

The CSS property to change the border of an element to Hex 03170C is called "border". The border property can be set on classes, ids or directly on the HTML element.

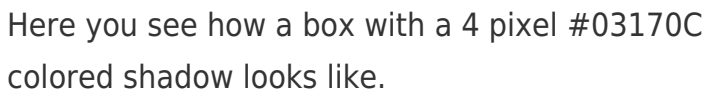
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03170C }
```

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

```
.border{ border-color:#03170C }
```

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



Here you see how a box with a 4 pixel #03170C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03170C; -webkit-box-shadow:4px 4px  
4px 4px #03170C; box-shadow:4px 4px 4px  
4px #03170C }
```

Background

The CSS property to change the background color of an element to Hex 03170C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03170C }
```

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

```
.background{ background-color:#03170C }
```

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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