

Converting Colors

Hex(03161C)

Have a look what the booklet for
Hex(03161C) contains.

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Color

Hex(03161C)

Conversions

Conversions Part 1

Format	Color
Hex	03161C
RGB	3, 22, 28
RGB Percent	1%, 9%, 11%
CMY	0.9882, 0.9137, 0.8902
CMYK	0.89, 0.21, 0.00, 0.89
HSL	194°, 81%, 6%
HSV	194°, 89%, 11%
XYZ	0.5341, 0.6770, 1.2011
YIQ	17.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

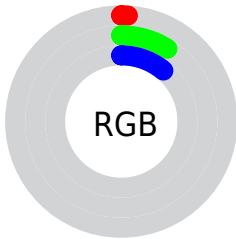
Format	Color
RYB	3, 14, 28
Decimal	202268
CIELab	6.12, -4.48, -6.39
CIELCh	6, 7.807, 234.959
Yxy	0.6770, 0.2214, 0.2807
Android (android.graphics.Color)	4278392348 (0xFF03161C)
YUV	17.0030, 5.4215, -12.2806
Hunter-Lab	8.2281, -2.8133, -2.8955

Details

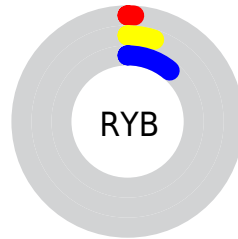
The Hex color **03161C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C0903**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **304047**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00151C**, and if you desaturate by 10%, it is **06171C**.

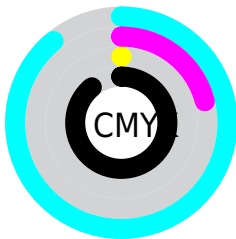
Distribution



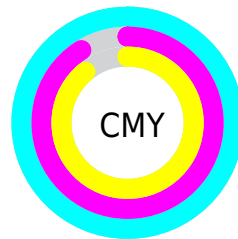
- Red (1%)
- Green (9%)
- Blue (11%)



- Red (1%)
- Yellow (5%)
- Blue (11%)



- Cyan (89%)
- Magenta (21%)
- Yellow (0%)
- Black (89%)



- Cyan (99%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03161C 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 03161C by changing the saturation by 10% instead.

■ 03161C

■ 03161C

■ E4F7FF

■ 000000

■ 304047

■ 47585F

■ 5F7078

■ 788991

■ 92A4AC

■ ACBFC7

■ C8DAE3

■ 03161C

■ 03161C

■ 00151C

■ 06171C

■ 09171C

■ 0B181C

■ 0E191C

■ 11191C

■ 141A1C

■ 171B1C

■ 191B1C

■ 1C1C1C

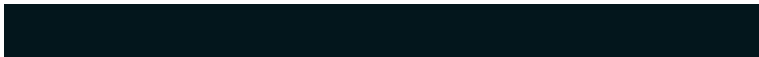
Harmonies

Analogous

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



001718



03161C



0B141E

Triad

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



03161C



1E0F15



131505

Complementary

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



03161C



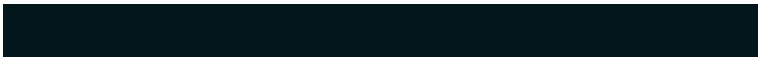
1C0903

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.



1A1303



03161C



1F100E

Square

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



03161C



1A101A



1D1107



0B160B

Rectangle

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



03161C



11131E



1D1107



161404

Sweetspot

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



03161C



1A2124



031C09



0C1012



919191



121212

Same Dimension

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



03161C



001B24



030A1C



0B0C0D



003A4D



009BCC

Inverse Universe

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



1C0316



24001B



1C1503



0D0B0C



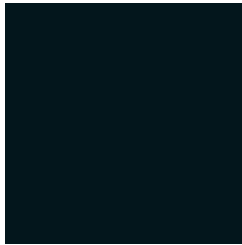
4D003A



CC009B

Previews

White Background



This preview shows how the Hex color 03161C looks on a white background.

Color Contrast Check

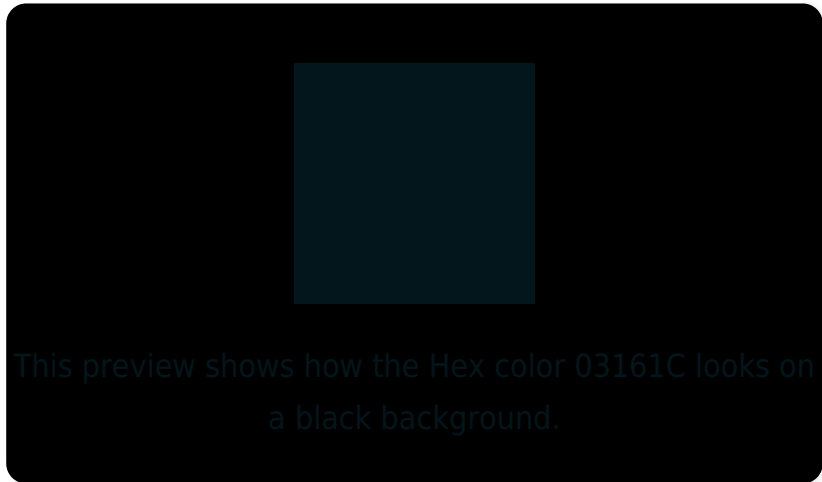
Large Text (above 18pt) WCAG AA ✓ Pass

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

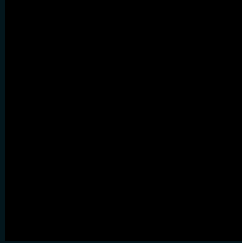
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

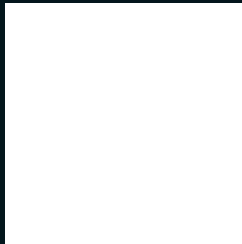
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 03161C Background



This preview shows how black text looks on a background with the Hex color 03161C.

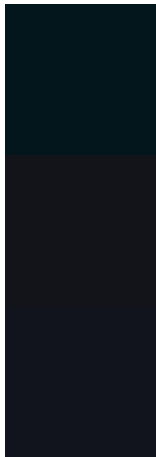


This preview shows how white text looks on a background with the Hex color 03161C.

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
03161C

Protanopia
12141A

Deuteranopia
11141C



Tritanopia
001618

Trichromacy



Original Color
03161C

Protanomaly
0D151B

Deuteranomaly
0C151C

Tritanomaly
011619

Monochromacy



Original Color
03161C

Achromatopsia
111111

Achromatomaly
0C1315

CSS Examples

Text

The CSS property to change the color of the text to Hex 03161C 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 #03161C looks like.

```
.text, #text, p{  
    color:#03161C  
}
```

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 #03161C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03161C
}
```

Border

The CSS property to change the border of an element to Hex 03161C is called "border". The border property can be set on classes, ids or directly on the HTML element.

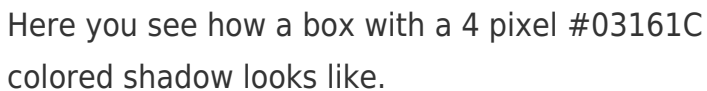
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03161C }
```

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

```
.border{ border-color:#03161C }
```

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



Here you see how a box with a 4 pixel #03161C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03161C; -webkit-box-shadow:4px 4px  
4px 4px #03161C; box-shadow:4px 4px 4px  
4px #03161C }
```

Background

The CSS property to change the background color of an element to Hex 03161C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03161C }
```

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

```
.background{ background-color:#03161C }
```

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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