

Converting Colors

Hex(00180E)

Have a look what the booklet for
Hex(00180E) contains.

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Color

Hex(00180E)

Conversions

Conversions Part 1

Format	Color
Hex	00180E
RGB	0, 24, 14
RGB Percent	0%, 9%, 5%
CMY	1.0000, 0.9059, 0.9451
CMYK	1.00, 0.00, 0.42, 0.91
HSL	155°, 100%, 5%
HSV	155°, 100%, 9%
XYZ	0.4059, 0.6850, 0.5263
YIQ	15.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

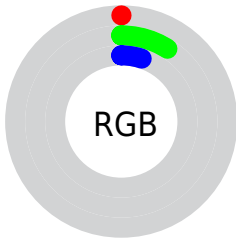
Format	Color
R _{YB}	0, 15, 24
Decimal	6158
CIE Lab	6.19, -10.04, 3.14
CIE LCh	6, 10.522, 162.636
Yxy	0.6850, 0.2510, 0.4236
Android (android.graphics.Color)	4278196238 (0xFF00180E)
YUV	15.6840, -0.8302, -13.7549
Hunter-Lab	8.2763, -5.7293, 2.0232

Details

The Hex color **00180E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18000A**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **2F4239**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00180E**, and if you desaturate by 10%, it is **02180F**.

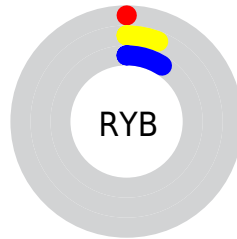
Distribution



Red (0%)

Green (9%)

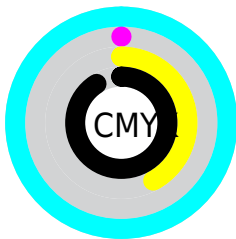
Blue (5%)



Red (0%)

Yellow (6%)

Blue (9%)

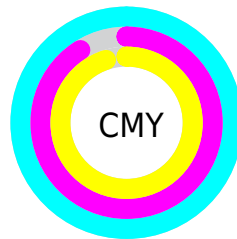


Cyan (100%)

Magenta (0%)

Yellow (42%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00180E 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 00180E by changing the saturation by 10% instead.

 00180E

 00180E

 E2FAEE

 000000

 2F4239

 455A50

 5D7268

 768C81

 90A69B

 AAC1B6

 C6DDD1

 00180E

■ 02180F

■ 051810

■ 071811

■ 0A1812

■ 0C1813

■ 0E1814

■ 111815

■ 131816

■ 161817

Harmonies

Analogous

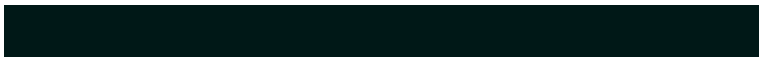
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0D1703



00180E



001817

Triad

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



00180E



0F1321



210F06

Complementary

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



00180E



18000A

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.



220E10



00180E



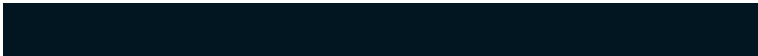
19111E

Square

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



00180E



011621



1F0E18



1E1100

Rectangle

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



00180E



00181B



1F0E18



220F09

Sweetspot

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



00180E



151F1B



0A1800



0A0F0D



8F8F8F



0F0F0F

Same Dimension

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



00180E



001F12



001618



0B0D0C



004D2D



00CC77

Inverse Universe

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



18000A



1F000D



180200



0D0B0C



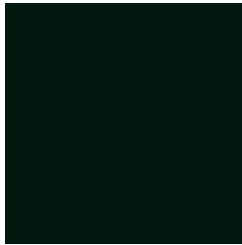
4D0020



CC0055

Previews

White Background



This preview shows how the Hex color 00180E looks on a white background.

Color Contrast Check

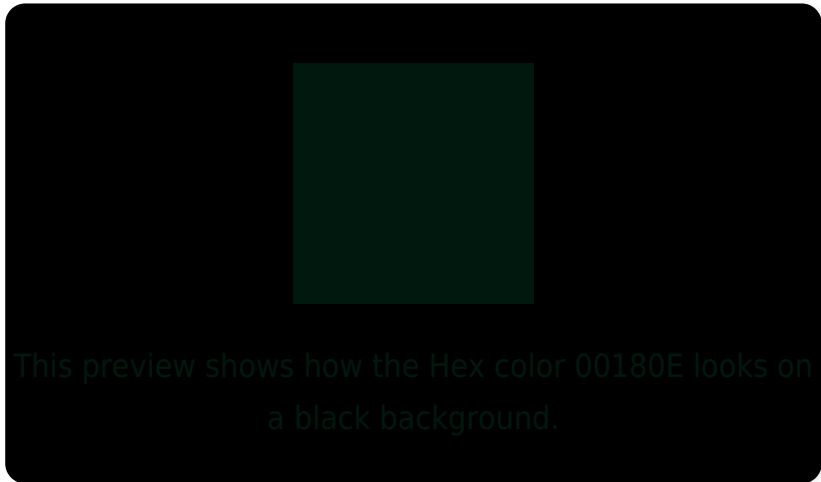
Large Text (above 18pt) WCAG AA ✓ Pass

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

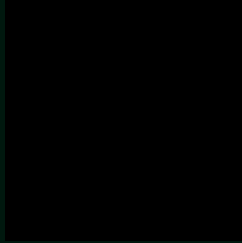
Any Text WCAG AA × Fail

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 00180E Background



This preview shows how black text looks on a background with the Hex color 00180E.



This preview shows how white text looks on a background with the Hex color 00180E.

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
00180E

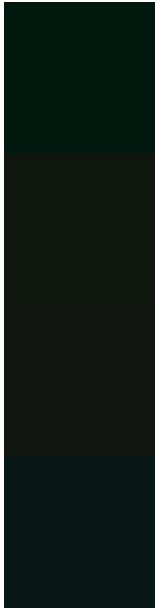
Protanopia
17150D

Deuteranopia
19140F



Tritanopia
091719

Trichromacy



Original Color
00180E

Protanomaly
0F160D

Deuteranomaly
10150F

Tritanomaly
061715

Monochromacy



Original Color
00180E

Achromatopsia
101010

Achromatomaly
0A130F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00180E 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 #00180E looks like.

```
.text, #text, p{  
    color:#00180E  
}
```

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 #00180E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00180E
}
```

Border

The CSS property to change the border of an element to Hex 00180E is called "border". The border property can be set on classes, ids or directly on the HTML element.

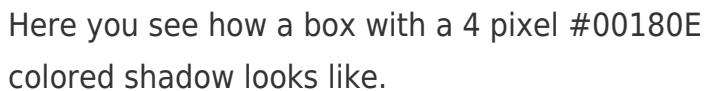
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00180E }
```

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

```
.border{ border-color:#00180E }
```

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



Here you see how a box with a 4 pixel #00180E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00180E; -webkit-box-shadow:4px 4px  
4px 4px #00180E; box-shadow:4px 4px 4px  
4px #00180E }
```

Background

The CSS property to change the background color of an element to Hex 00180E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00180E }
```

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

```
.background{ background-color:#00180E }
```

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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