

Converting Colors

Hex(05180E)

Have a look what the booklet for
Hex(05180E) contains.

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Color

Hex(05180E)

Conversions

Conversions Part 1

Format	Color
Hex	05180E
RGB	5, 24, 14
RGB Percent	2%, 9%, 5%
CMY	0.9804, 0.9059, 0.9451
CMYK	0.79, 0.00, 0.42, 0.91
HSL	148°, 66%, 6%
HSV	148°, 79%, 9%
XYZ	0.4685, 0.7172, 0.5292
YIQ	17.1790, -8.1140, -7.1380

Conversions

Conversions Part 2

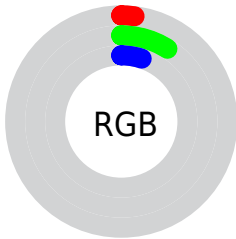
Format	Color
R _Y B	5, 18, 24
Decimal	333838
CIE Lab	6.48, -8.73, 3.60
CIE LCh	6, 9.448, 157.597
Yxy	0.7172, 0.2732, 0.4182
Android (android.graphics.Color)	4278523918 (0xFF05180E)
YUV	17.1790, -1.5672, -10.6810
Hunter-Lab	8.4690, -4.9465, 2.2234

Details

The Hex color **05180E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18050F**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **324239**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **03180D**, and if you desaturate by 10%, it is **07180F**.

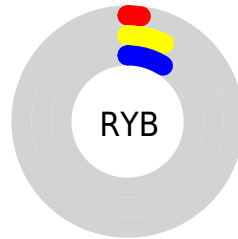
Distribution



Red (2%)

Green (9%)

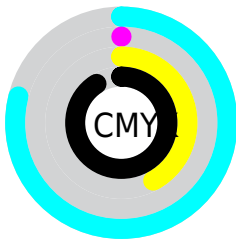
Blue (5%)



Red (2%)

Yellow (7%)

Blue (9%)

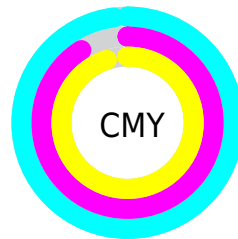


Cyan (79%)

Magenta (0%)

Yellow (42%)

Black (91%)



Cyan (98%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05180E 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 05180E by changing the saturation by 10% instead.

■ 05180E

■ 05180E

■ E6FAEE

■ 000000

■ 324239

■ 495A50

■ 617268

■ 7A8C81

■ 94A69B

■ AEC1B6

■ CADDD1

■ 05180E

■ 05180E

■ 03180D

■ 07180F

■ 00180B

■ 0A1811

■ 0C1812

■ 0F1813

■ 111814

■ 131816

■ 161817

■ 181818

■ 1B1819

Harmonies

Analogous

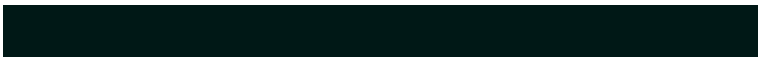
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101705



05180E



001816

Triad

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



05180E



0E1421



21100A

Complementary

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



05180E



18050F

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.



210F13



05180E



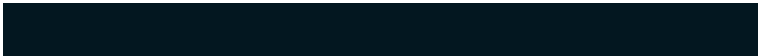
18121E

Square

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



05180E



031720



1E1019



1E1203

Rectangle

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



05180E



00181A



1E1019



21100D

Sweetspot

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



05180E



171F1B



0F1805



0B0F0D



8F8F8F



0F0F0F

Same Dimension

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



05180E



021F0F



051817



0B0D0C



004D24



00CC61

Inverse Universe

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



18050F



1F0211



180506



0D0B0C



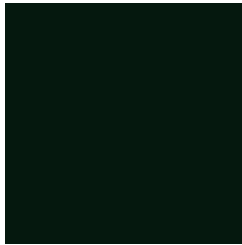
4D0028



CC006B

Previews

White Background



This preview shows how the Hex color 05180E looks on a white background.

Color Contrast Check

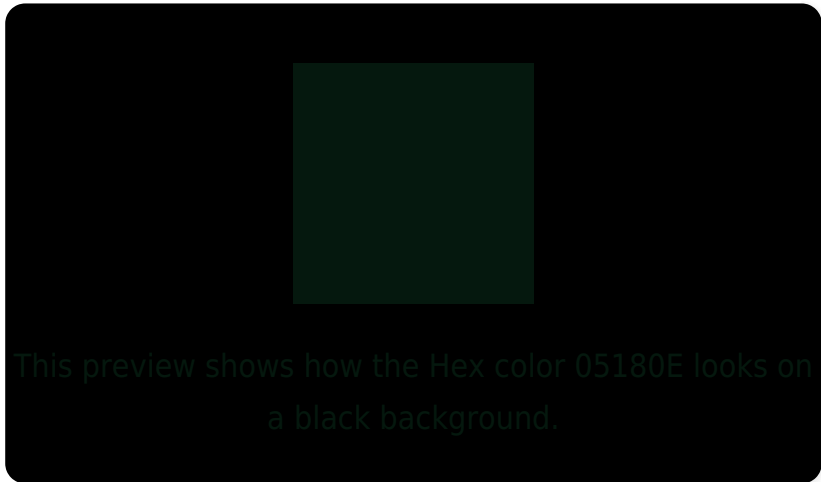
Large Text (above 18pt) WCAG AA ✓ Pass

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

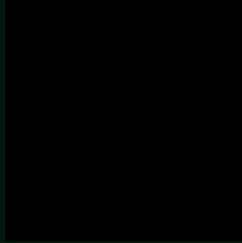
Any Text WCAG AA × Fail

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 05180E Background



This preview shows how black text looks on a background with the Hex color 05180E.



This preview shows how white text looks on a background with the Hex color 05180E.

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
05180E

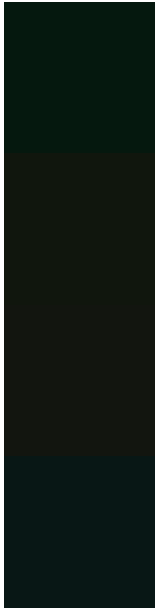
Protanopia
17150D

Deuteranopia
19140F



Tritanopia
0A1719

Trichromacy



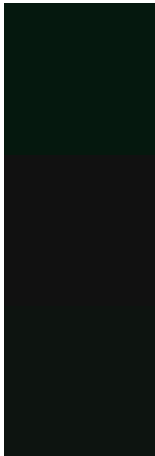
Original Color
05180E

Protanomaly
10160D

Deuteranomaly
12150F

Tritanomaly
081715

Monochromacy



Original Color
05180E

Achromatopsia
111111

Achromatomaly
0D1410

CSS Examples

Text

The CSS property to change the color of the text to Hex 05180E 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 #05180E looks like.

```
.text, #text, p{  
    color:#05180E  
}
```

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 #05180E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05180E
}
```

Border

The CSS property to change the border of an element to Hex 05180E is called "border". The border property can be set on classes, ids or directly on the HTML element.

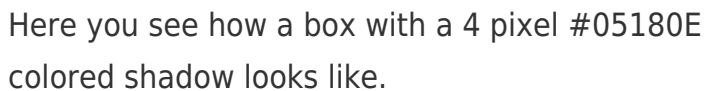
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05180E }
```

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

```
.border{ border-color:#05180E }
```

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



Here you see how a box with a 4 pixel #05180E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05180E; -webkit-box-shadow:4px 4px  
4px 4px #05180E; box-shadow:4px 4px 4px  
4px #05180E }
```

Background

The CSS property to change the background color of an element to Hex 05180E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05180E }
```

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

```
.background{ background-color:#05180E }
```

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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