

Converting Colors

Hex(180E07)

Have a look what the booklet for
Hex(180E07) contains.

Hex(180E07)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(180E07)

Conversions

Conversions Part 1

Format	Color
Hex	180E07
RGB	24, 14, 7
RGB Percent	9%, 5%, 3%
CMY	0.9059, 0.9451, 0.9725
CMYK	0.00, 0.42, 0.71, 0.91
HSL	25°, 55%, 6%
HSV	25°, 71%, 9%
XYZ	0.5721, 0.5236, 0.2719
YIQ	16.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

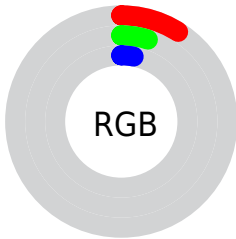
Format	Color
RYB	24, 19, 7
Decimal	1576455
CIELab	4.73, 3.05, 4.27
CIELCh	5, 5.242, 54.450
Yxy	0.5236, 0.4183, 0.3829
Android (android.graphics.Color)	4279766535 (0xFF180E07)
YUV	16.1920, -4.5317, 6.8476
Hunter-Lab	7.2361, 1.4489, 2.8372

Details

The Hex color **180E07** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **071118**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **423934**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180D05**, and if you desaturate by 10%, it is **180F09**.

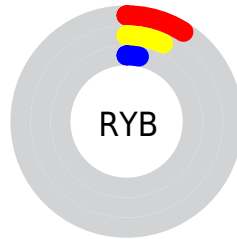
Distribution



Red (9%)

Green (5%)

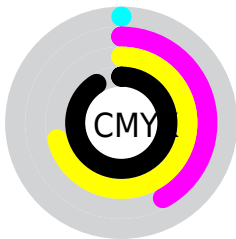
Blue (3%)



Red (9%)

Yellow (7%)

Blue (3%)

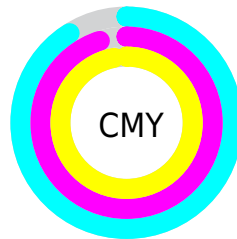


Cyan (0%)

Magenta (42%)

Yellow (71%)

Black (91%)



Cyan (91%)

Magenta (95%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180E07 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 180E07 by changing the saturation by 10% instead.

■ 180E07

■ 180E07

■ FAEEE8

■ 000000

■ 423934

■ 59504B

■ 726863

■ 8C817C

■ A69B96

■ C1B6B0

■ DDD1CC

■ 180E07

■ 180E07

■ 180D05

■ 180F09

■ 180B02

■ 18110C

■ 180A00

■ 18120E

■ 181411

■ 181513

■ 181615

■ 181818

■ 18191A

■ 181B1D

Harmonies

Analogous

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



190D0C



180E07



150F05

Triad

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



180E07



04130F



100F17

Complementary

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



180E07



071118

Split Complementary

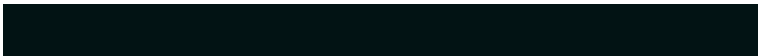
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0A1118



180E07



021314

Square

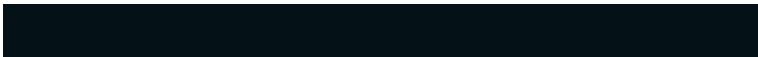
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180E07



0A120A



041217



150E15

Rectangle

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



180E07



121105



041217



0E1018

Sweetspot

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



180E07



1F1B18



180711



0F0D0B



8F8F8F



0F0F0F

Same Dimension

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



180E07



1F0F05



181607



0D0C0B



4D1F00



CC5400

Inverse Universe

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



071118



05141F



070918



0B0C0D



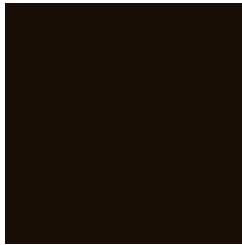
002D4D



0078CC

Previews

White Background



This preview shows how the Hex color 180E07 looks on a white background.

Color Contrast Check

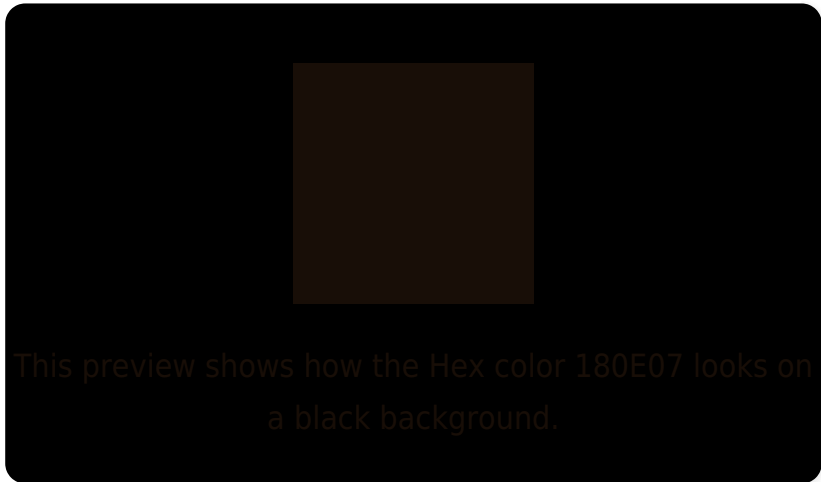
Large Text (above 18pt) WCAG AA ✓ Pass

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 180E07 Background



This preview shows how black text looks on a background with the Hex color 180E07.

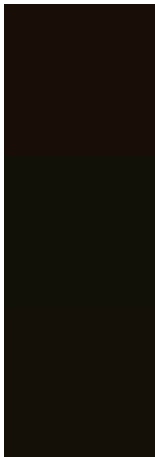


This preview shows how white text looks on a background with the Hex color 180E07.

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](#).

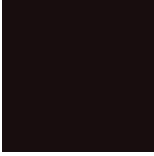
Dichromacy



Original Color
180E07

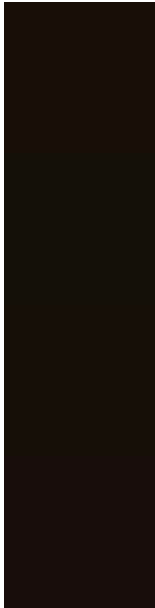
Protanopia
121108

Deuteranopia
151007



Tritanopia
180D0E

Trichromacy



Original Color
180E07

Protanomaly
141008

Deuteranomaly
160F07

Tritanomaly
180D0B

Monochromacy



Original Color
180E07

Achromatopsia
101010

Achromatomaly
130F0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 180E07 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 #180E07 looks like.

```
.text, #text, p{  
    color:#180E07  
}
```

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 #180E07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180E07
}
```

Border

The CSS property to change the border of an element to Hex 180E07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

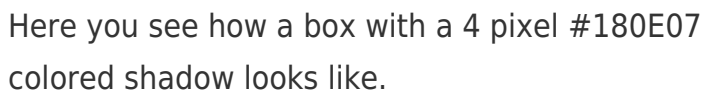
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180E07 }
```

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

```
.border{ border-color:#180E07 }
```

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



Here you see how a box with a 4 pixel #180E07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180E07; -webkit-box-shadow:4px 4px  
4px 4px #180E07; box-shadow:4px 4px 4px  
4px #180E07 }
```

Background

The CSS property to change the background color of an element to Hex 180E07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180E07 }
```

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

```
.background{ background-color:#180E07 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor