

Converting Colors

Hex(180707)

Have a look what the booklet for
Hex(180707) contains.

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Color

Hex(180707)

Conversions

Conversions Part 1

Format	Color
Hex	180707
RGB	24, 7, 7
RGB Percent	9%, 3%, 3%
CMY	0.9059, 0.9725, 0.9725
CMYK	0.00, 0.71, 0.71, 0.91
HSL	0°, 55%, 6%
HSV	0°, 71%, 9%
XYZ	0.4910, 0.3615, 0.2449
YIQ	12.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

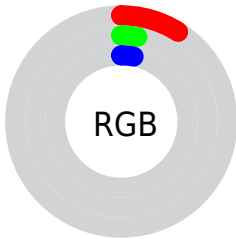
Format	Color
R _Y B	24, 7, 7
Decimal	1574663
CIE Lab	3.27, 6.04, 2.13
CIE LCh	3, 6.403, 19.400
Yxy	0.3615, 0.4474, 0.3294
Android (android.graphics.Color)	4279764743 (0xFF180707)
YUV	12.0830, -2.5059, 10.4512
Hunter-Lab	6.0124, 4.0560, 1.7936

Details

The Hex color **180707** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **071818**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **423434**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180505**, and if you desaturate by 10%, it is **180909**.

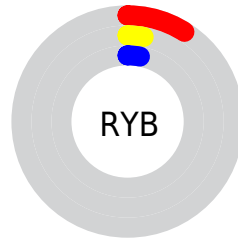
Distribution



Red (9%)

Green (3%)

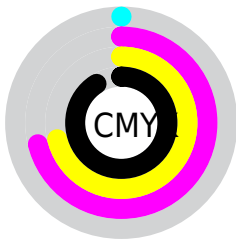
Blue (3%)



Red (9%)

Yellow (3%)

Blue (3%)

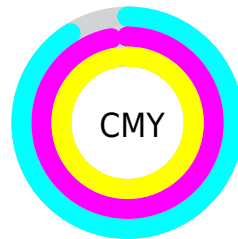


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180707 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 180707 by changing the saturation by 10% instead.

■ 180707

■ 180707

■ F9E8E8

■ 000000

■ 423434

■ 594B4B

■ 726363

■ 8B7C7C

■ A69596

■ C1B0B0

■ DDCCCC

■ 180707

■ 180707

■ 180505

■ 180909

■ 180202

■ 180C0C

■ 180000

■ 180E0E

■ 181111

■ 181313

■ 181515

■ 181818

■ 181A1A

■ 181D1D

Harmonies

Analogous

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



16070E



180707



170800

Triad

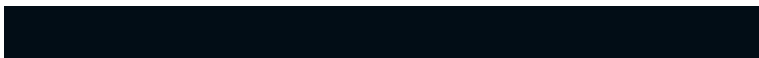
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180707



040F02



020D16

Complementary

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



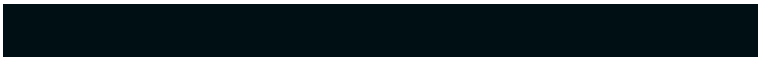
180707



071818

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.



000F14



180707



001009

Square

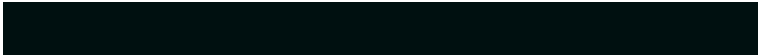
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180707



0D0D00



001010



0B0B16

Rectangle

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



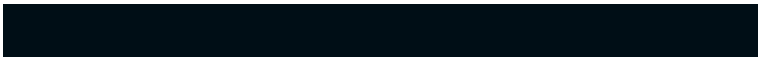
180707



150A00



001010



000E16

Sweetspot

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



180707



1F1818



180718



0F0B0B



8F8F8F



0F0F0F

Same Dimension

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



180707



1F0505



180F07



0D0B0B



4D0000



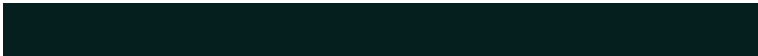
CC0000

Inverse Universe

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



071818



051F1F



070F18



0B0D0D



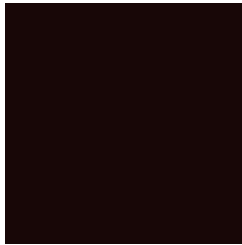
004D4D



00CCCC

Previews

White Background



This preview shows how the Hex color 180707 looks on a white background.

Color Contrast Check

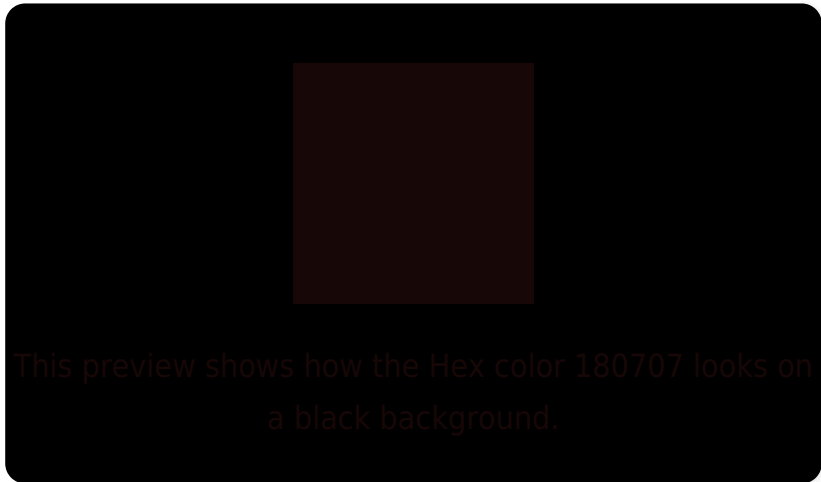
Large Text (above 18pt) WCAG AA ✓ Pass

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

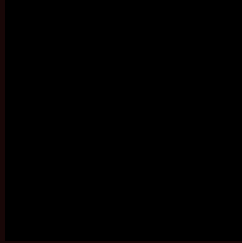
Any Text WCAG AA × Fail

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 180707 Background



This preview shows how black text looks on a background with the Hex color 180707.

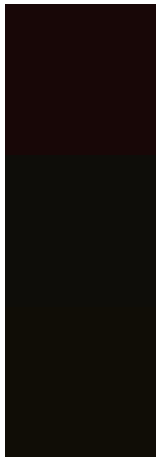


This preview shows how white text looks on a background with the Hex color 180707.

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
180707

Protanopia
0E0D09

Deuteranopia
100D06



Tritanopia
180707

Trichromacy



Original Color

180707

Protanomaly

120B08

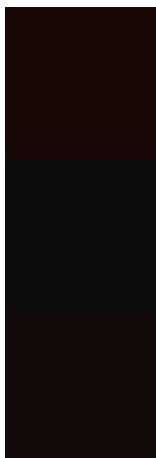
Deuteranomaly

130B06

Tritanomaly

180707

Monochromacy



Original Color

180707

Achromatopsia

0C0C0C

Achromatomaly

100A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 180707 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 #180707 looks like.

```
.text, #text, p{  
    color:#180707  
}
```

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 #180707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180707
}
```

Border

The CSS property to change the border of an element to Hex 180707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

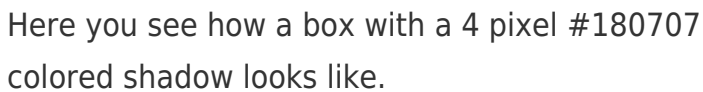
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180707 }
```

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

```
.border{ border-color:#180707 }
```

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



Here you see how a box with a 4 pixel #180707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180707; -webkit-box-shadow:4px 4px  
4px 4px #180707; box-shadow:4px 4px 4px  
4px #180707 }
```

Background

The CSS property to change the background color of an element to Hex 180707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180707 }
```

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

```
.background{ background-color:#180707 }
```

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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