

Converting Colors

Hex(180E0E)

Have a look what the booklet for
Hex(180E0E) contains.

Hex(180E0E)	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(180E0E)

Conversions

Conversions Part 1

Format	Color
Hex	180E0E
RGB	24, 14, 14
RGB Percent	9%, 5%, 5%
CMY	0.9059, 0.9451, 0.9451
CMYK	0.00, 0.42, 0.42, 0.91
HSL	0°, 26%, 7%
HSV	0°, 42%, 9%
XYZ	0.6130, 0.5400, 0.4874
YIQ	16.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

Format	Color
RYB	24, 14, 14
Decimal	1576462
CIELab	4.88, 4.09, 1.44
CIELCh	5, 4.332, 19.389
Yxy	0.5400, 0.3737, 0.3292
Android (android.graphics.Color)	4279766542 (0xFF180E0E)
YUV	16.9900, -1.4741, 6.1478
Hunter-Lab	7.3483, 2.0309, 1.2113

Details

The Hex color **180E0E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E1818**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **423939**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180C0C**, and if you desaturate by 10%, it is **181010**.

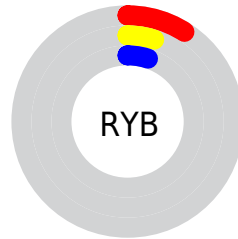
Distribution



Red (9%)

Green (5%)

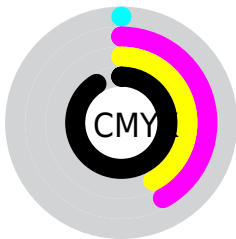
Blue (5%)



Red (9%)

Yellow (5%)

Blue (5%)

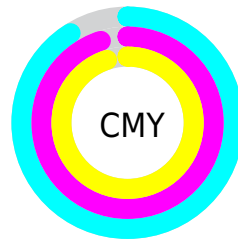


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (91%)



Cyan (91%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180E0E 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 180E0E by changing the saturation by 10% instead.

■ 180E0E

■ 180E0E

■ FAEEEE

■ 000000

■ 423939

■ 5A5050

■ 726868

■ 8C8181

■ A69B9B

■ C1B6B6

■ DDD1D1

■ 180E0E

■ 180E0E

■ 180C0C

■ 181010

■ 180909

■ 181313

■ 180707

■ 181515

■ 180404

■ 181818

■ 180202

■ 181A1A

■ 180000

■ 181C1C

■ 181F1F

■ 182121

■ 182424

Harmonies

Analogous

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



170E12



180E0E



170F0A

Triad

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



180E0E



0C120B



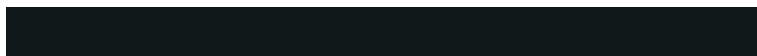
0B1117

Complementary

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



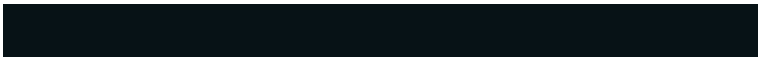
180E0E



0E1818

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.



071216



180E0E



08130F

Square

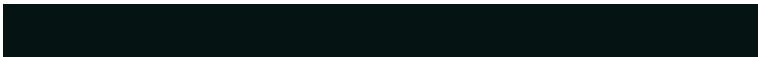
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180E0E



111108



051313



101017

Rectangle

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



180E0E



160F08



051313



091217

Sweetspot

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



180E0E



1F1B1B



180E18



0F0D0D



8F8F8F



0F0F0F

Same Dimension

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



180E0E



1F0F0F



18130E



0D0B0B



4D0000



CC0000

Inverse Universe

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



0E1818



0F1F1F



0E1318



0B0D0D



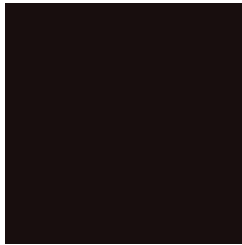
004D4D



00CCCC

Previews

White Background



This preview shows how the Hex color 180E0E looks on a white background.

Color Contrast Check

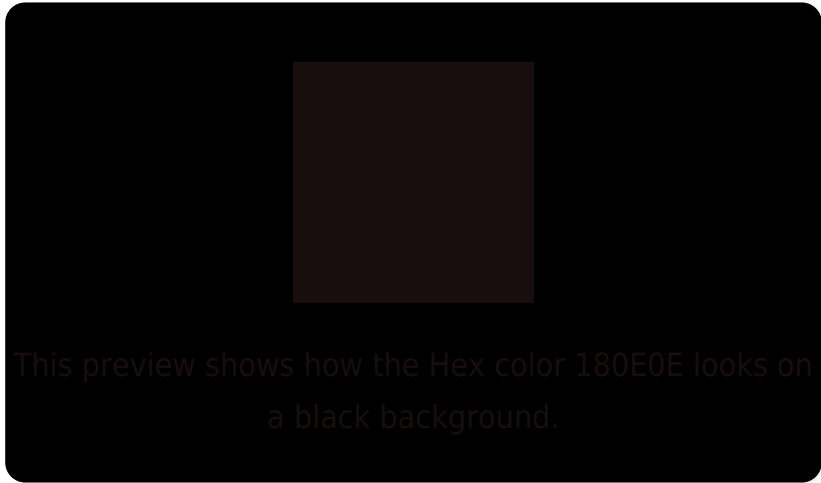
Large Text (above 18pt) WCAG AA ✓ Pass

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

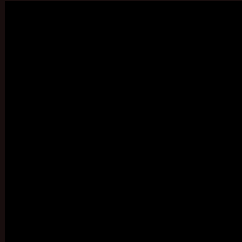
Any Text WCAG AA × Fail

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 180E0E Background



This preview shows how black text looks on a background with the Hex color 180E0E.

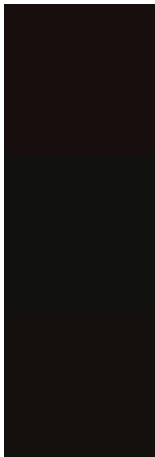


This preview shows how white text looks on a background with the Hex color 180E0E.

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
180E0E

Protanopia
11110F

Deuteranopia
14100E



Tritanopia
180E0F

Trichromacy



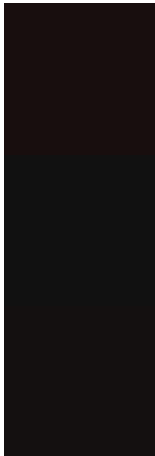
Original Color
180E0E

Protanomaly
14100F

Deuteranomaly
150F0E

Tritanomaly
180E0F

Monochromacy



Original Color
180E0E

Achromatopsia
111111

Achromatomaly
141010

CSS Examples

Text

The CSS property to change the color of the text to Hex 180E0E 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 #180E0E looks like.

```
.text, #text, p{  
    color:#180E0E  
}
```

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 #180E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180E0E
}
```

Border

The CSS property to change the border of an element to Hex 180E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

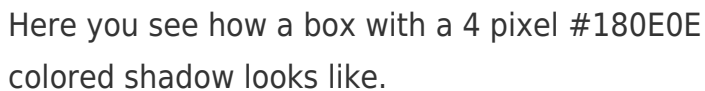
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180E0E }
```

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

```
.border{ border-color:#180E0E }
```

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



Here you see how a box with a 4 pixel #180E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180E0E; -webkit-box-shadow:4px 4px  
4px 4px #180E0E; box-shadow:4px 4px 4px  
4px #180E0E }
```

Background

The CSS property to change the background color of an element to Hex 180E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180E0E }
```

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

```
.background{ background-color:#180E0E }
```

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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