

Converting Colors

Hex(180E16)

Have a look what the booklet for
Hex(180E16) contains.

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Color

Hex(180E16)

Conversions

Conversions Part 1

Format	Color
Hex	180E16
RGB	24, 14, 22
RGB Percent	9%, 5%, 9%
CMY	0.9059, 0.9451, 0.9137
CMYK	0.00, 0.42, 0.08, 0.91
HSL	312°, 26%, 7%
HSV	312°, 42%, 9%
XYZ	0.6785, 0.5662, 0.8326
YIQ	17.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

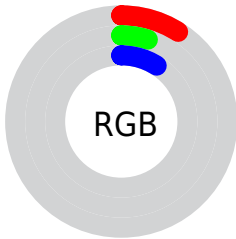
Format	Color
RYB	24, 14, 22
Decimal	1576470
CIELab	5.11, 5.75, -3.09
CIElCh	5, 6.529, 331.745
Yxy	0.5662, 0.3266, 0.2726
Android (android.graphics.Color)	4279766550 (0xFF180E16)
YUV	17.9020, 2.0203, 5.3479
Hunter-Lab	7.5246, 2.9286, -1.2931

Details

The Hex color **180E16** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E1810**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **423940**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180C16**, and if you desaturate by 10%, it is **181016**.

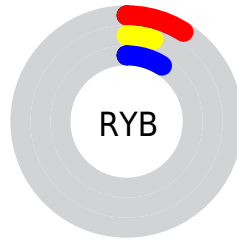
Distribution



Red (9%)

Green (5%)

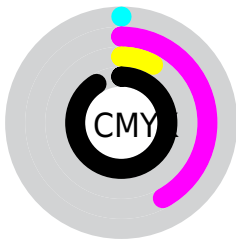
Blue (9%)



Red (9%)

Yellow (5%)

Blue (9%)

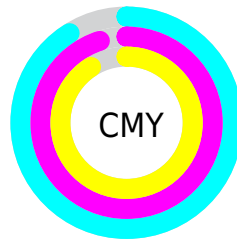


Cyan (0%)

Magenta (42%)

Yellow (8%)

Black (91%)



Cyan (91%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180E16 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 180E16 by changing the saturation by 10% instead.

■ 180E16

■ 180E16

■ FAEEF7

■ 000000

■ 423940

■ 5A5058

■ 726870

■ 8C8189

■ A69BA4

■ C1B6BF

■ DDD1DB

■ 180E16

■ 180E16

■ 180C16

■ 181016

■ 180915

■ 181317

■ 180715

■ 181517

■ 180414

■ 181818

■ 180214

■ 181A18

■ 180013

■ 181C19

■ 181F19

■ 18211A

■ 18241A

Harmonies

Analogous

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



131019



180E16



1B0D11

Triad

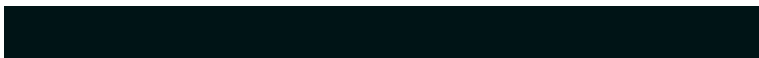
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180E16



161103



001416

Complementary

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



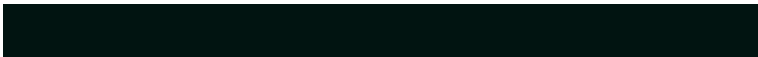
180E16



0E1810

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.



011411



180E16



0F1305

Square

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



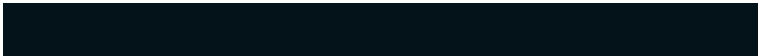
180E16



1A0F05



07140B



041319

Rectangle

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



180E16



1C0D0D



07140B



001415

Sweetspot

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



180E16



1F1B1E



100E18



0F0D0F



8F8F8F



0F0F0F

Same Dimension

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



180E16



1F0F1C



180E11



0D0B0C



4D003D



CC00A3

Inverse Universe

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



180E16



1F0F1C



0E1815



0D0B0C



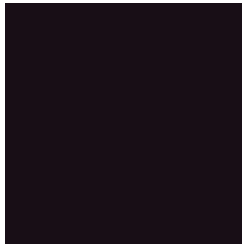
4D003D



CC00A3

Previews

White Background



This preview shows how the Hex color 180E16 looks on a white background.

Color Contrast Check

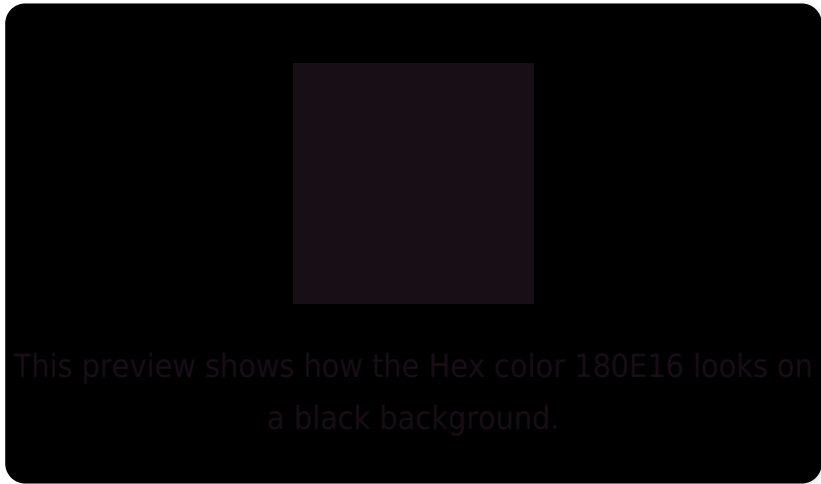
Large Text (above 18pt) WCAG AA ✓ Pass

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

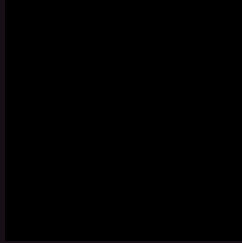
Any Text WCAG AA × Fail

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 180E16 Background



This preview shows how black text looks on a background with the Hex color 180E16.

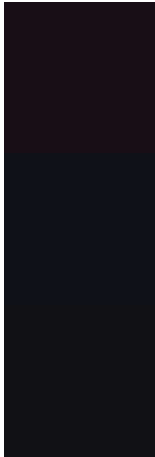


This preview shows how white text looks on a background with the Hex color 180E16.

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
180E16

Protanopia
0F1118

Deuteranopia
111115



Tritanopia
170F10

Trichromacy



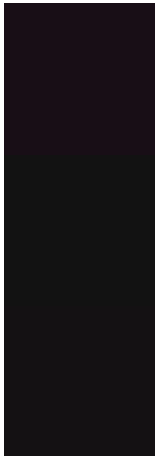
Original Color
180E16

Protanomaly
121017

Deuteranomaly
141015

Tritanomaly
170F12

Monochromacy



Original Color
180E16

Achromatopsia
121212

Achromatomaly
141113

CSS Examples

Text

The CSS property to change the color of the text to Hex 180E16 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 #180E16 looks like.

```
.text, #text, p{  
    color:#180E16  
}
```

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 #180E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180E16
}
```

Border

The CSS property to change the border of an element to Hex 180E16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

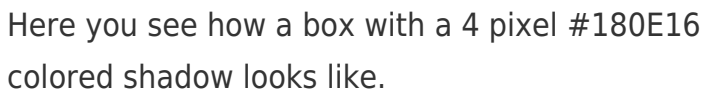
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180E16 }
```

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

```
.border{ border-color:#180E16 }
```

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



Here you see how a box with a 4 pixel #180E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180E16; -webkit-box-shadow:4px 4px  
4px 4px #180E16; box-shadow:4px 4px 4px  
4px #180E16 }
```

Background

The CSS property to change the background color of an element to Hex 180E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180E16 }
```

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

```
.background{ background-color:#180E16 }
```

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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