

Converting Colors

Hex(180B09)

Have a look what the booklet for
Hex(180B09) contains.

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Color

Hex(180B09)

Conversions

Conversions Part 1

Format	Color
Hex	180B09
RGB	24, 11, 9
RGB Percent	9%, 4%, 4%
CMY	0.9059, 0.9569, 0.9647
CMYK	0.00, 0.54, 0.63, 0.91
HSL	8°, 45%, 6%
HSV	8°, 62%, 9%
XYZ	0.5457, 0.4533, 0.3172
YIQ	14.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

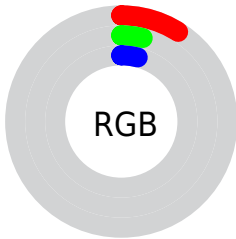
Format	Color
RYB	24, 11, 9
Decimal	1575689
CIELab	4.09, 4.71, 2.52
CIELCh	4, 5.339, 28.195
Yxy	0.4533, 0.4146, 0.3444
Android (android.graphics.Color)	4279765769 (0xFF180B09)
YUV	14.6590, -2.7899, 8.1921
Hunter-Lab	6.7324, 2.6858, 1.9195

Details

The Hex color **180B09** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **091618**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **423736**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180907**, and if you desaturate by 10%, it is **180D0B**.

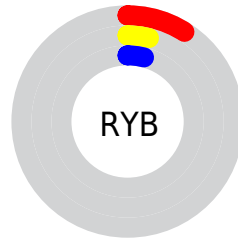
Distribution



 Red (9%)

 Green (4%)

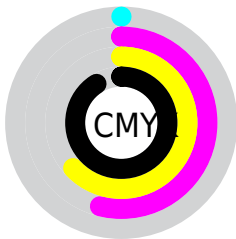
 Blue (4%)



 Red (9%)

 Yellow (4%)

 Blue (4%)

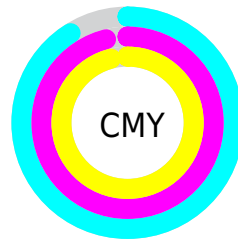


 Cyan (0%)

 Magenta (54%)

 Yellow (63%)

 Black (91%)



 Cyan (91%)

 Magenta (96%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180B09 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 180B09 by changing the saturation by 10% instead.

■ 180B09

■ 180B09

■ FAEBE9

■ 000000

■ 423736

■ 594E4C

■ 726564

■ 8C7E7D

■ A69897

■ C1B3B2

■ DDCFCD

■ 180B09

■ 180B09

■ 180907

■ 180D0B

■ 180704

■ 180F0E

■ 180502

■ 181110

■ 180300

■ 181313

■ 181515

■ 181717

■ 181A1A

■ 181C1C

■ 181E1F

Harmonies

Analogous

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



170B0F



180B09



170C04

Triad

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



180B09



061108



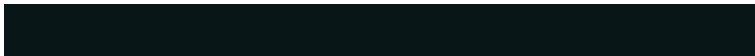
080F17

Complementary

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



180B09



091618

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.



021016



180B09



01110E

Square

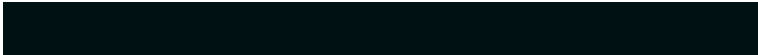
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180B09



0D1003



001113



0F0D16

Rectangle

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



180B09



140D02



001113



060F17

Sweetspot

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



180B09



1F1A19



180916



0F0C0C



8F8F8F



0F0F0F

Same Dimension

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



180B09



1F0B08



181209



0D0C0B



4D0A00



CC1B00

Inverse Universe

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



091618



081C1F



090F18



0B0D0D



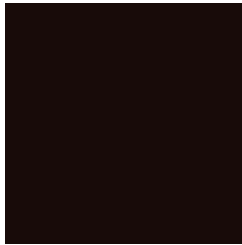
00424D



00B1CC

Previews

White Background



This preview shows how the Hex color 180B09 looks on a white background.

Color Contrast Check

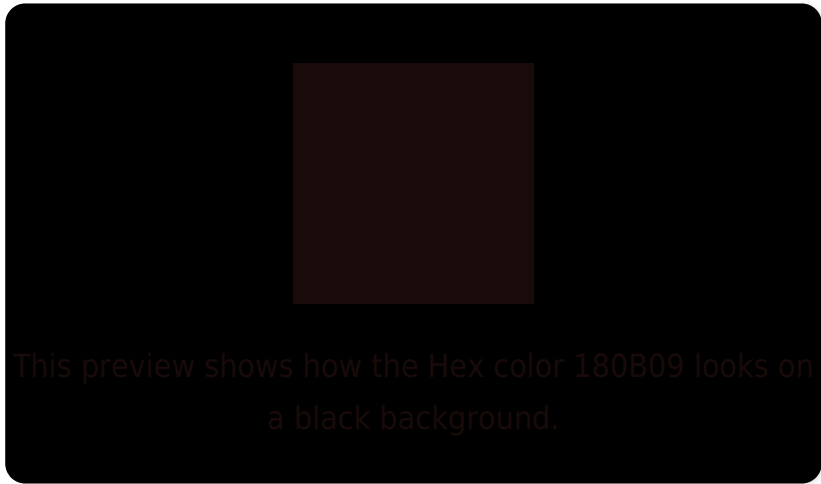
Large Text (above 18pt) WCAG AA ✓ Pass

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

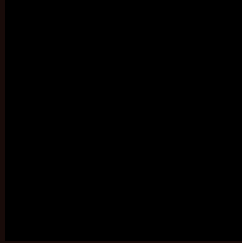
Any Text WCAG AA × Fail

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 180B09 Background



This preview shows how black text looks on a background with the Hex color 180B09.

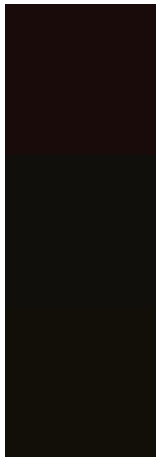


This preview shows how white text looks on a background with the Hex color 180B09.

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](#).

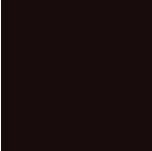
Dichromacy



Original Color
180B09

Protanopia
100F0B

Deuteranopia
120E08



Tritanopia
180B0B

Trichromacy



Original Color

180B09

Protanomaly

130E0A

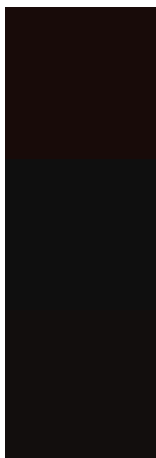
Deuteranomaly

140D08

Tritanomaly

180B0A

Monochromacy



Original Color

180B09

Achromatopsia

0F0F0F

Achromatomaly

120E0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 180B09 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 #180B09 looks like.

```
.text, #text, p{  
    color:#180B09  
}
```

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 #180B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180B09
}
```

Border

The CSS property to change the border of an element to Hex 180B09 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
#180B09 }
```

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

```
.border{ border-color:#180B09 }
```

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

Here you see how a box with a 4 pixel #180B09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180B09; -webkit-box-shadow:4px 4px  
4px 4px #180B09; box-shadow:4px 4px 4px  
4px #180B09 }
```

Background

The CSS property to change the background color of an element to Hex 180B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180B09 }
```

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

```
.background{ background-color:#180B09 }
```

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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