

Converting Colors

Hex(181207)

Have a look what the booklet for
Hex(181207) contains.

| | |
|--|----|
| Hex(181207) | 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(181207)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 181207 |
| RGB | 24, 18, 7 |
| RGB Percent | 9%, 7%, 3% |
| CMY | 0.9059, 0.9294, 0.9725 |
| CMYK | 0.00, 0.25, 0.71, 0.91 |
| HSL | 39°, 55%, 6% |
| HSV | 39°, 71%, 9% |
| XYZ | 0.6313, 0.6421, 0.2917 |
| YIQ | 18.5400, 7.1070, -2.1490 |

Conversions

Conversions Part 2

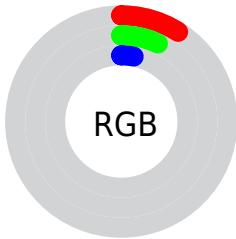
| Format | Color |
|-------------------------------------|--|
| RYB | 16, 24, 7 |
| Decimal | 1577479 |
| CIELab | 5.80, 0.86, 5.83 |
| CIELCh | 6, 5.892, 81.601 |
| Yxy | 0.6421, 0.4034, 0.4103 |
| Android (android.graphics.Color) | 4279767559 (0xFF181207) |
| YUV | 18.5400, -5.6892, 4.7884 |
| Hunter-Lab | 8.0134, 0.0400, 3.4512 |

Details

The Hex color **181207** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **070D18**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **423C34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **181105**, and if you desaturate by 10%, it is **181309**.

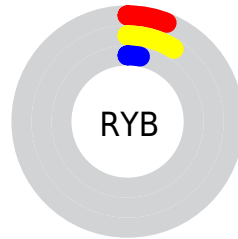
Distribution



Red (9%)

Green (7%)

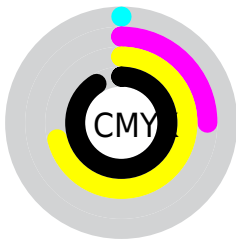
Blue (3%)



Red (6%)

Yellow (9%)

Blue (3%)

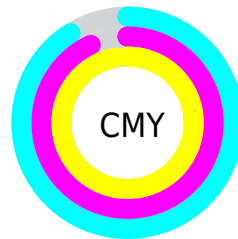


Cyan (0%)

Magenta (25%)

Yellow (71%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181207 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 181207 by changing the saturation by 10% instead.

■ 181207

■ 181207

■ FAF2E8

■ 000000

■ 423C34

■ 5A534B

■ 726C63

■ 8C857C

■ A69F95

■ C1BAB0

■ DDD6CC

■ 181207

■ 181207

■ 181105

■ 181309

■ 181002

■ 18140C

■ 181000

■ 18150E

■ 181511

■ 181613

■ 181715

■ 181818

■ 18191A

■ 181A1D

Harmonies

Analogous

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



1B110A



181207



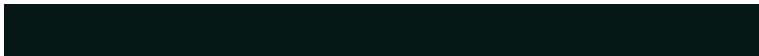
131408

Triad

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



181207



041616



171118

Complementary

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



181207



070D18

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.



12121A



181207



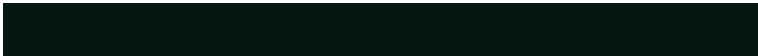
061519

Square

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



181207



071611



0C141B



1B1014

Rectangle

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



181207



0F140A



0C141B



161119

Sweetspot

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



181207



1F1C18



18070D



0F0E0B



8F8F8F



0F0F0F

Same Dimension

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



181207



1F1505



161807



0D0C0B



4D3200



CC8400

Inverse Universe

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



070D18



050E1F



090718



0B0C0D



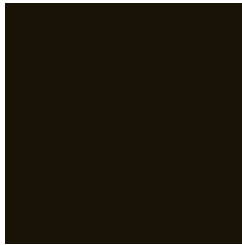
001B4D



0048CC

Previews

White Background



This preview shows how the Hex color 181207 looks on a white background.

Color Contrast Check

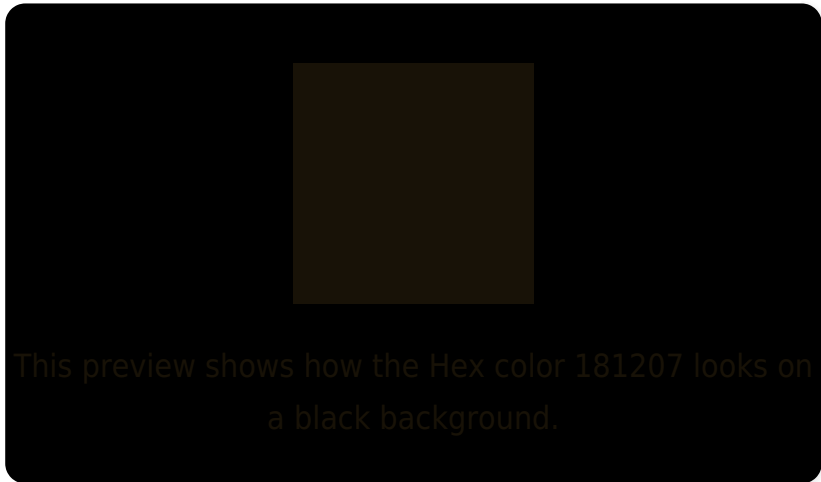
Large Text (above 18pt) WCAG AA ✓ Pass

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

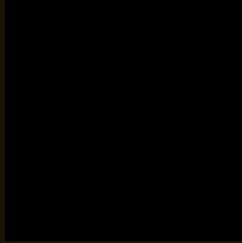
Any Text WCAG AA × Fail

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 181207 Background



This preview shows how black text looks on a background with the Hex color 181207.

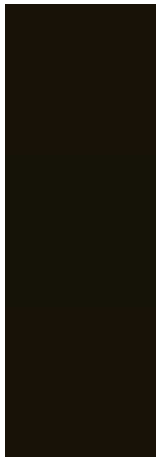


This preview shows how white text looks on a background with the Hex color 181207.

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
181207

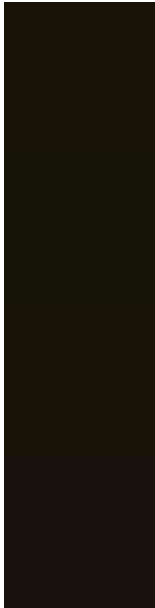
Protanopia
151307

Deuteranopia
181207



Tritanopia
191112

Trichromacy



Original Color
181207

Protanomaly
161307

Deuteranomaly
181207

Tritanomaly
19110E

Monochromacy



Original Color
181207

Achromatopsia
131313

Achromatomaly
15130F

CSS Examples

Text

The CSS property to change the color of the text to Hex 181207 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 #181207 looks like.

```
.text, #text, p{  
    color:#181207  
}
```

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 #181207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181207
}
```

Border

The CSS property to change the border of an element to Hex 181207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

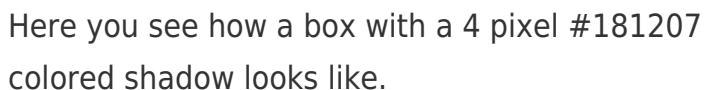
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#181207 }
```

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

```
.border{ border-color:#181207 }
```

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



Here you see how a box with a 4 pixel #181207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181207; -webkit-box-shadow:4px 4px  
4px 4px #181207; box-shadow:4px 4px 4px  
4px #181207 }
```

Background

The CSS property to change the background color of an element to Hex 181207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181207 }
```

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

```
.background{ background-color:#181207 }
```

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