

Converting Colors

Hex(18180C)

Have a look what the booklet for
Hex(18180C) contains.

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Color

Hex(18180C)

Conversions

Conversions Part 1

Format	Color
Hex	18180C
RGB	24, 24, 12
RGB Percent	9%, 9%, 5%
CMY	0.9059, 0.9059, 0.9529
CMYK	0.00, 0.00, 0.50, 0.91
HSL	60°, 33%, 7%
HSV	60°, 50%, 9%
XYZ	0.7697, 0.8740, 0.4760
YIQ	22.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

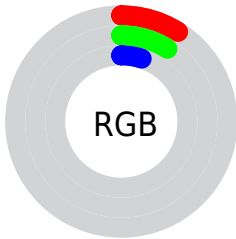
Format	Color
R_YB	12, 24, 12
Decimal	1579020
CIE Lab	7.89, -2.50, 6.80
CIE LCh	8, 7.249, 110.175
Yxy	0.8740, 0.3631, 0.4123
Android (android.graphics.Color)	4279769100 (0xFF18180C)
YUV	22.6320, -5.2416, 1.1997
Hunter-Lab	9.3488, -1.6646, 3.5256

Details

The Hex color **18180C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0C18**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **424337**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18180A**, and if you desaturate by 10%, it is **18180E**.

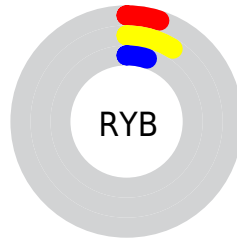
Distribution



Red (9%)

Green (9%)

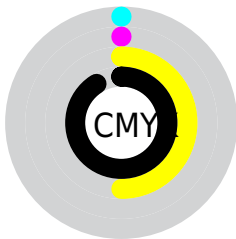
Blue (5%)



Red (5%)

Yellow (9%)

Blue (5%)

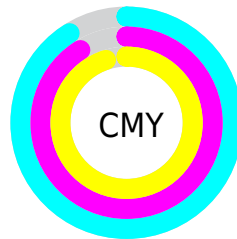


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (91%)



Cyan (91%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18180C 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 18180C by changing the saturation by 10% instead.

■ 18180C

■ 18180C

■ FAFAEC

■ 000000

■ 424337

■ 5A5A4E

■ 727366

■ 8C8C7F

■ A6A699

■ C1C2B4

■ DDDDCF

■ 18180C

■ 18180C

■ 18180A

■ 18180E

■ 181807

■ 181811

■ 181805

■ 181813

■ 181802

■ 181816

■ 181800

■ 181818

■ 18181A

■ 18181D

■ 18181F

■ 181822

Harmonies

Analogous

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



1D160B



18180C



121910

Triad

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



18180C



09191E



201419

Complementary

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



18180C



0C0C18

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.



1C151D



18180C



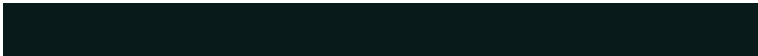
0F1821

Square

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



18180C



081A1A



161720



211414

Rectangle

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



18180C



0D1A14



161720



1F141B

Sweetspot

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



18180C



1F1F1A



180C0C



0F0F0D



8F8F8F



0F0F0F

Same Dimension

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



18180C



1F1F0C



12180C



0D0D0B



4D4D00



CCCC00

Inverse Universe

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



0C0C18



0C0C1F



120C18



0B0B0D



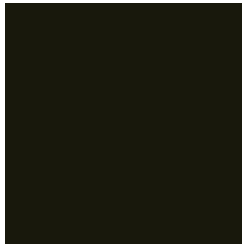
00004D



0000CC

Previews

White Background



This preview shows how the Hex color 18180C looks on a white background.

Color Contrast Check

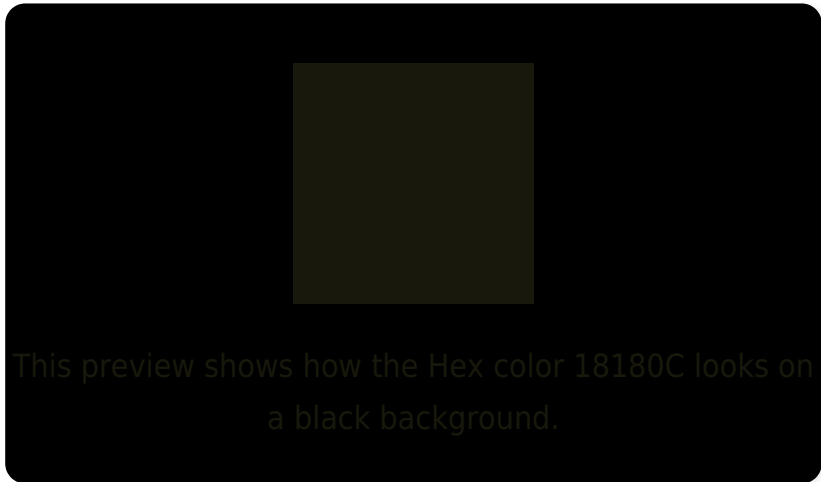
Large Text (above 18pt) WCAG AA ✓ Pass

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

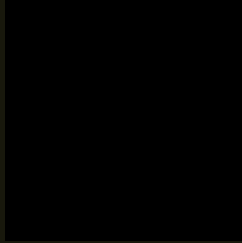
Any Text WCAG AA × Fail

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 18180C Background



This preview shows how black text looks on a background with the Hex color 18180C.

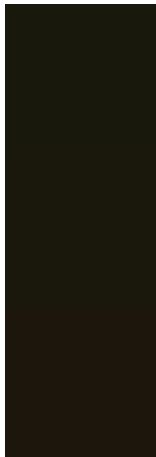


This preview shows how white text looks on a background with the Hex color 18180C.

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
18180C

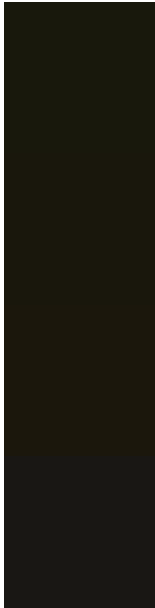
Protanopia
1A170C

Deuteranopia
1D160C



Tritanopia
191718

Trichromacy



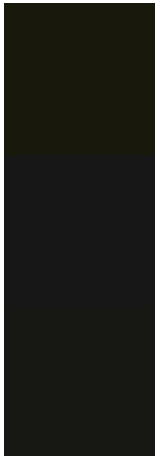
Original Color
18180C

Protanomaly
19170C

Deuteranomaly
1B170C

Tritanomaly
191714

Monochromacy



Original Color
18180C

Achromatopsia
171717

Achromatomaly
171713

CSS Examples

Text

The CSS property to change the color of the text to Hex 18180C 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 #18180C looks like.

```
.text, #text, p{  
    color:#18180C  
}
```

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 #18180C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18180C
}
```

Border

The CSS property to change the border of an element to Hex 18180C is called "border". The border property can be set on classes, ids or directly on the HTML element.

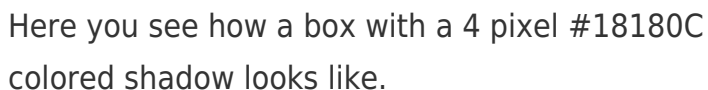
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18180C }
```

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

```
.border{ border-color:#18180C }
```

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



Here you see how a box with a 4 pixel #18180C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18180C; -webkit-box-shadow:4px 4px  
4px 4px #18180C; box-shadow:4px 4px 4px  
4px #18180C }
```

Background

The CSS property to change the background color of an element to Hex 18180C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18180C }
```

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

```
.background{ background-color:#18180C }
```

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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