

Converting Colors

Hex(180C03)

Have a look what the booklet for
Hex(180C03) contains.

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Color

Hex(180C03)

Conversions

Conversions Part 1

Format	Color
Hex	180C03
RGB	24, 12, 3
RGB Percent	9%, 5%, 1%
CMY	0.9059, 0.9529, 0.9882
CMYK	0.00, 0.50, 0.88, 0.91
HSL	26°, 78%, 5%
HSV	26°, 88%, 9%
XYZ	0.5246, 0.4637, 0.1480
YIQ	14.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

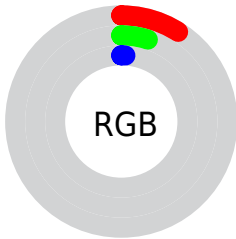
Format	Color
RYB	24, 19, 3
Decimal	1575939
CIELab	4.19, 3.44, 5.10
CIElCh	4, 6.153, 56.063
Yxy	0.4637, 0.4617, 0.4081
Android (android.graphics.Color)	4279766019 (0xFF180C03)
YUV	14.5620, -5.7001, 8.2771
Hunter-Lab	6.8096, 1.8344, 3.4781

Details

The Hex color **180C03** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **030F18**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **423832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180B01**, and if you desaturate by 10%, it is **180D05**.

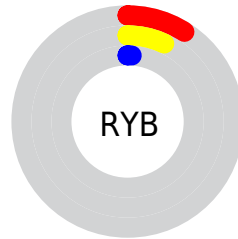
Distribution



Red (9%)

Green (5%)

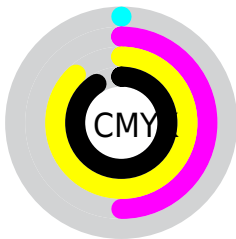
Blue (1%)



Red (9%)

Yellow (7%)

Blue (1%)

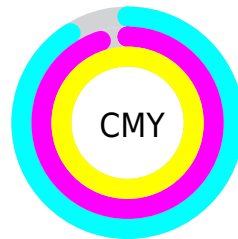


Cyan (0%)

Magenta (50%)

Yellow (88%)

Black (91%)



Cyan (91%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180C03 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 180C03 by changing the saturation by 10% instead.

 180C03

 180C03

 F9ECE5

 000000

 423832

 594E48

 726660

 8B7F79

 A69993

 C1B4AD

 DDD0C9

 180C03

 180C03

■ 180B01

■ 180D05

■ 180A00

■ 180F08

■ 18100A

■ 18110D

■ 18130F

■ 181411

■ 181614

■ 181716

■ 181819

Harmonies

Analogous

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



190B09



180C03



140E00

Triad

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



180C03



00120E



0F0D17

Complementary

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



180C03



030F18

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.



070F18



180C03



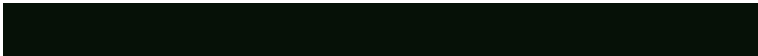
001213

Square

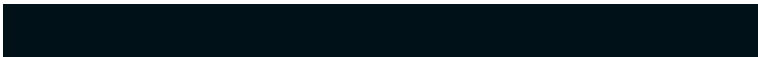
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180C03



061107



001117



150C14

Rectangle

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



180C03



100F01



001117



0D0E18

Sweetspot

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



180C03



1F1A17



18030F



0F0D0B



8F8F8F



0F0F0F

Same Dimension

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



180C03



1F0D00



181603



0D0C0B



4D2100



CC5700

Inverse Universe

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



030F18



00111F



030518



0B0C0D



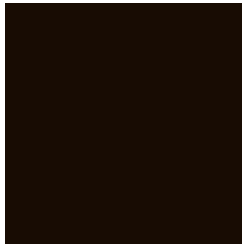
002C4D



0075CC

Previews

White Background



This preview shows how the Hex color 180C03 looks on a white background.

Color Contrast Check

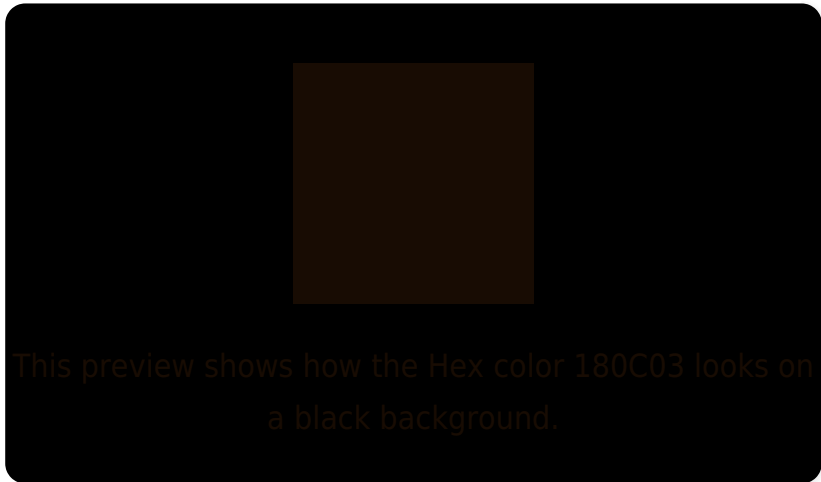
Large Text (above 18pt) WCAG AA ✓ Pass

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

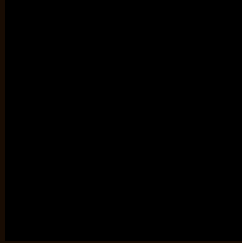
Any Text WCAG AA × Fail

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 180C03 Background



This preview shows how black text looks on a background with the Hex color 180C03.



This preview shows how white text looks on a background with the Hex color 180C03.

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
180C03

Protanopia
110F04

Deuteranopia
130F00



Tritanopia
180B0C

Trichromacy



Original Color
180C03

Protanomaly
140E04

Deuteranomaly
150E01

Tritanomaly
180B09

Monochromacy



Original Color
180C03

Achromatopsia
0F0F0F

Achromatomaly
120E0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 180C03 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 #180C03 looks like.

```
.text, #text, p{  
    color:#180C03  
}
```

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 #180C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180C03
}
```

Border

The CSS property to change the border of an element to Hex 180C03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

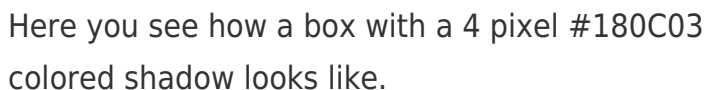
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180C03 }
```

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

```
.border{ border-color:#180C03 }
```

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



Here you see how a box with a 4 pixel #180C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180C03; -webkit-box-shadow:4px 4px  
4px 4px #180C03; box-shadow:4px 4px 4px  
4px #180C03 }
```

Background

The CSS property to change the background color of an element to Hex 180C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180C03 }
```

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

```
.background{ background-color:#180C03 }
```

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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