

Converting Colors

Hex(180019)

Have a look what the booklet for
Hex(180019) contains.

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Color

Hex(180019)

Conversions

Conversions Part 1

Format	Color
Hex	180019
RGB	24, 0, 25
RGB Percent	9%, 0%, 10%
CMY	0.9059, 1.0000, 0.9020
CMYK	0.04, 1.00, 0.00, 0.90
HSL	298°, 100%, 5%
HSV	298°, 100%, 10%
XYZ	0.5522, 0.2644, 0.9416
YIQ	10.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

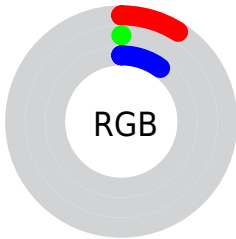
Format	Color
RYB	24, 0, 25
Decimal	1572889
CIELab	2.39, 12.32, -9.35
CIELCh	2, 15.471, 322.812
Yxy	0.2644, 0.3141, 0.1504
Android (android.graphics.Color)	4279762969 (0xFF180019)
YUV	10.0260, 7.3822, 12.2552
Hunter-Lab	5.1418, 10.1704, -7.2588

Details

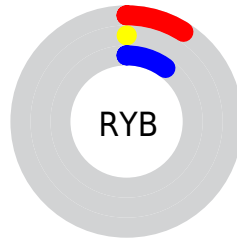
The Hex color **180019** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **011900**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **413044**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180019**, and if you desaturate by 10%, it is **180319**.

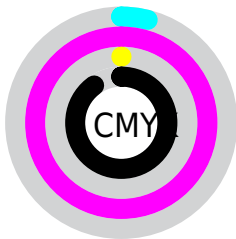
Distribution



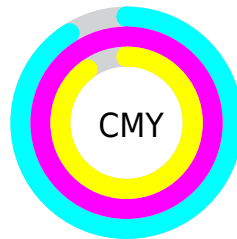
- Red (9%)
- Green (0%)
- Blue (10%)



- Red (9%)
- Yellow (0%)
- Blue (10%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (90%)



- Cyan (91%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180019 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 180019 by changing the saturation by 10% instead.

 180019

 180019

 F9E2FB

 000000

 413044

 59465B

 725E74

 8B768D

 A690A8

 C1ABC3

 DDC6DF

 180019

■ 180319

■ 180519

■ 180819

■ 180A19

■ 190D19

■ 190F19

■ 191219

■ 191419

■ 191719

Harmonies

Analogous

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



07051F



180019



20000E

Triad

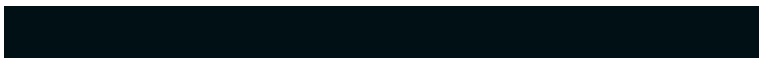
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180019



110700



001014

Complementary

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



180019



011900

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.



001004



180019



000D00

Square

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



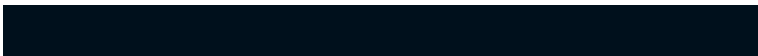
180019



1C0100



000F00



00101C

Rectangle

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



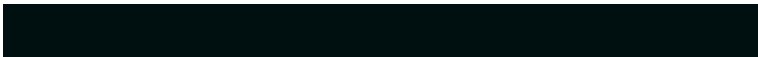
180019



220001



000F00



001010

Sweetspot

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



180019



211721



000119



120B12



919191



121212

Same Dimension

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



180019



200021



19000E



0D0B0D



49004D



C400CC

Inverse Universe

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



190001



210001



00190B



0D0B0C



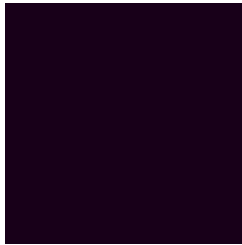
4D0003



CC0008

Previews

White Background



This preview shows how the Hex color 180019 looks on a white background.

Color Contrast Check

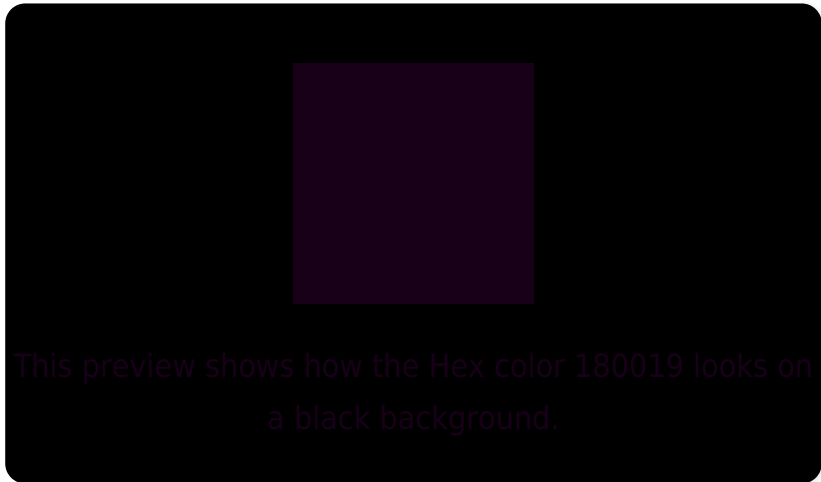
Large Text (above 18pt) WCAG AA ✓ Pass

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

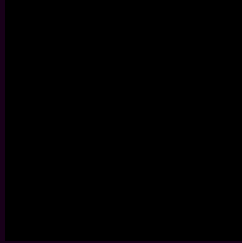
Any Text WCAG AA × Fail

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 180019 Background



This preview shows how black text looks on a background with the Hex color 180019.



This preview shows how white text looks on a background with the Hex color 180019.

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](#).

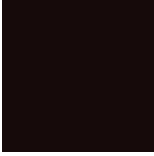
Dichromacy



Original Color
180019

Protanopia
000D1C

Deuteranopia
070E18



Tritanopia
160A0A

Trichromacy



Original Color
180019

Protanomaly
09081B

Deuteranomaly
0D0918

Tritanomaly
17060F

Monochromacy



Original Color
180019

Achromatopsia
0A0A0A

Achromatomaly
0F060F

CSS Examples

Text

The CSS property to change the color of the text to Hex 180019 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 #180019 looks like.

```
.text, #text, p{  
    color:#180019  
}
```

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 #180019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180019
}
```

Border

The CSS property to change the border of an element to Hex 180019 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
#180019 }
```

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

```
.border{ border-color:#180019 }
```

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

Here you see how a box with a 4 pixel #180019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180019; -webkit-box-shadow:4px 4px  
4px 4px #180019; box-shadow:4px 4px 4px  
4px #180019 }
```

Background

The CSS property to change the background color of an element to Hex 180019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180019 }
```

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

```
.background{ background-color:#180019 }
```

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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