

Converting Colors

Hex(120019)

Have a look what the booklet for
Hex(120019) contains.

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Color

Hex(120019)

Conversions

Conversions Part 1

Format	Color
Hex	120019
RGB	18, 0, 25
RGB Percent	7%, 0%, 10%
CMY	0.9294, 1.0000, 0.9020
CMYK	0.28, 1.00, 0.00, 0.90
HSL	283°, 100%, 5%
HSV	283°, 100%, 10%
XYZ	0.4249, 0.1988, 0.9357
YIQ	8.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

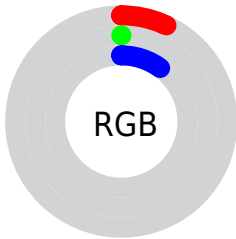
Format	Color
RYB	18, 0, 25
Decimal	1179673
CIELab	1.80, 9.67, -10.29
CIELCh	2, 14.117, 313.218
Yxy	0.1988, 0.2725, 0.1275
Android (android.graphics.Color)	4279369753 (0xFF120019)
YUV	8.2320, 8.2666, 8.5665
Hunter-Lab	4.4585, 9.2096, -9.3217

Details

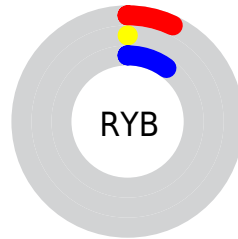
The Hex color **120019** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **071900**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3B3043**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120019**, and if you desaturate by 10%, it is **130319**.

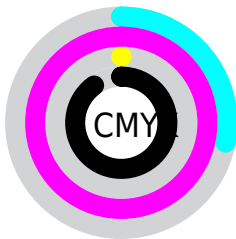
Distribution



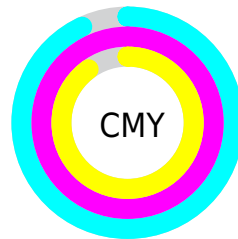
- Red (7%)
- Green (0%)
- Blue (10%)



- Red (7%)
- Yellow (0%)
- Blue (10%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (90%)



- Cyan (93%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120019 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 120019 by changing the saturation by 10% instead.

 120019

 120019

 F1E2FB

 000000

 3B3043

 53465B

 6B5E74

 84778D

 9E90A8

 B9ABC3

 D5C6DF

 120019

■ 130319

■ 130519

■ 140819

■ 150A19

■ 150D19

■ 160F19

■ 171219

■ 181419

■ 181719

Harmonies

Analogous

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



00051D



120019



1B0010

Triad

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



120019



130300



000D0E

Complementary

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



120019



071900

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.



000C00



120019



020900

Square

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



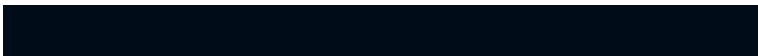
120019



1B0000



000C00



000D18

Rectangle

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



120019



1F0005



000C00



000C08

Sweetspot

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



120019



1E1721



000719



100B12



919191



121212

Same Dimension

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



120019



180021



190014



0C0B0D



37004D



9300CC

Inverse Universe

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



190007



210009



001905



0D0B0C



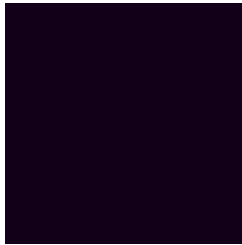
4D0015



CC0039

Previews

White Background



This preview shows how the Hex color 120019 looks on a white background.

Color Contrast Check

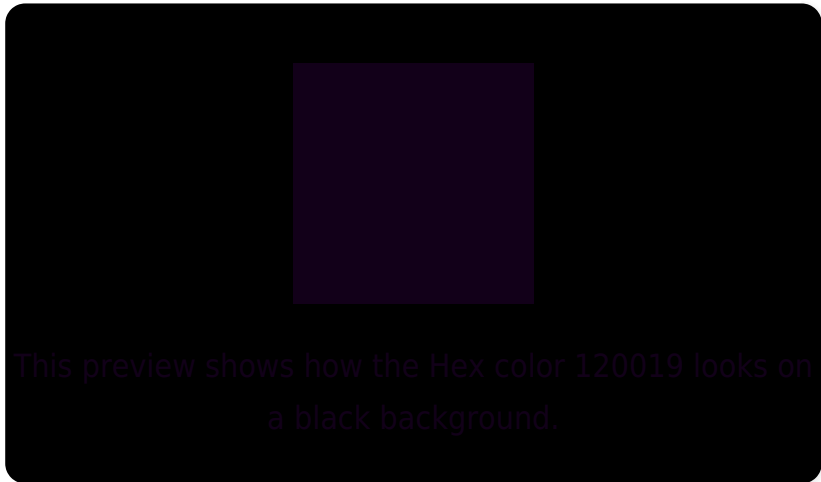
Large Text (above 18pt) WCAG AA ✓ Pass

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

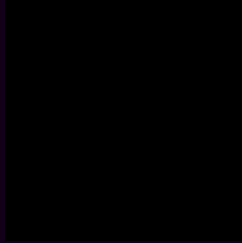
Any Text WCAG AA × Fail

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 120019 Background



This preview shows how black text looks on a background with the Hex color 120019.



This preview shows how white text looks on a background with the Hex color 120019.

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
120019

Protanopia
000B17

Deuteranopia
000C14



Tritanopia
100A0B

Trichromacy



Original Color

120019

Protanomaly

070718

Deuteranomaly

070816

Tritanomaly

110610

Monochromacy



Original Color

120019

Achromatopsia

080808

Achromatomaly

0C050E

CSS Examples

Text

The CSS property to change the color of the text to Hex 120019 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 #120019 looks like.

```
.text, #text, p{  
    color:#120019  
}
```

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 #120019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120019
}
```

Border

The CSS property to change the border of an element to Hex 120019 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
#120019 }
```

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

```
.border{ border-color:#120019 }
```

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

Here you see how a box with a 4 pixel #120019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120019; -webkit-box-shadow:4px 4px  
4px 4px #120019; box-shadow:4px 4px 4px  
4px #120019 }
```

Background

The CSS property to change the background color of an element to Hex 120019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120019 }
```

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

```
.background{ background-color:#120019 }
```

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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