

Converting Colors

Hex(120309)

Have a look what the booklet for
Hex(120309) contains.

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Color

Hex(120309)

Conversions

Conversions Part 1

Format	Color
Hex	120309
RGB	18, 3, 9
RGB Percent	7%, 1%, 4%
CMY	0.9294, 0.9882, 0.9647
CMYK	0.00, 0.83, 0.50, 0.93
HSL	336°, 71%, 4%
HSV	336°, 83%, 7%
XYZ	0.3313, 0.2134, 0.2822
YIQ	8.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

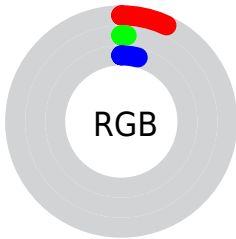
Format	Color
RYB	18, 3, 9
Decimal	1180425
CIELab	1.93, 5.26, -0.71
CIElCh	2, 5.310, 352.295
Yxy	0.2134, 0.4007, 0.2581
Android (android.graphics.Color)	4279370505 (0xFF120309)
YUV	8.1690, 0.4097, 8.6218
Hunter-Lab	4.6200, 4.7161, -0.3873

Details

The Hex color **120309** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **03120C**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3C3236**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120108**, and if you desaturate by 10%, it is **12050A**.

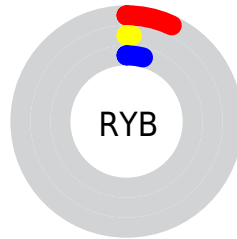
Distribution



Red (7%)

Green (1%)

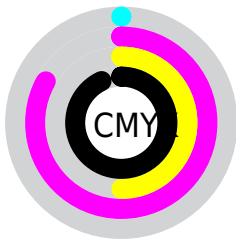
Blue (4%)



Red (7%)

Yellow (1%)

Blue (4%)

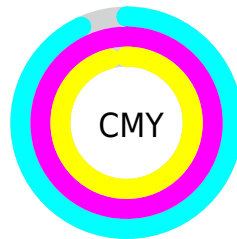


Cyan (0%)

Magenta (83%)

Yellow (50%)

Black (93%)



Cyan (93%)

Magenta (99%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120309 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 120309 by changing the saturation by 10% instead.

■ 120309

■ 120309

■ F2E5E9

■ 000000

■ 3C3236

■ 53484C

■ 6B6064

■ 85797D

■ 9F9397

■ BAADB2

■ D5C9CD

■ 120309

■ 120309

■ 120108

■ 12050A

■ 120007

■ 12070B

■ 12080C

■ 120A0D

■ 120C0E

■ 120E0F

■ 121011

■ 121112

■ 121313

Harmonies

Analogous

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



0E040F



120309



130302

Triad

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



120309



060800



000A10

Complementary

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



120309



03120C

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.



000B0C



120309



000A00

Square

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



120309



0D0600



000B05



000812

Rectangle

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



120309



130400



000B05



000A0F

Sweetspot

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



120309



171114



0C0312



0D090A



8C8C8C



0D0D0D

Same Dimension

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



120309



170009



120403



0A090A



4A001E



C90051

Inverse Universe

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



120309



170009



031012



0A090A



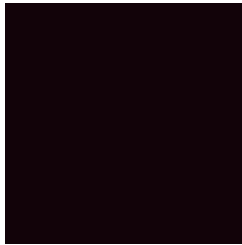
4A001E



C90051

Previews

White Background



This preview shows how the Hex color 120309 looks on a white background.

Color Contrast Check

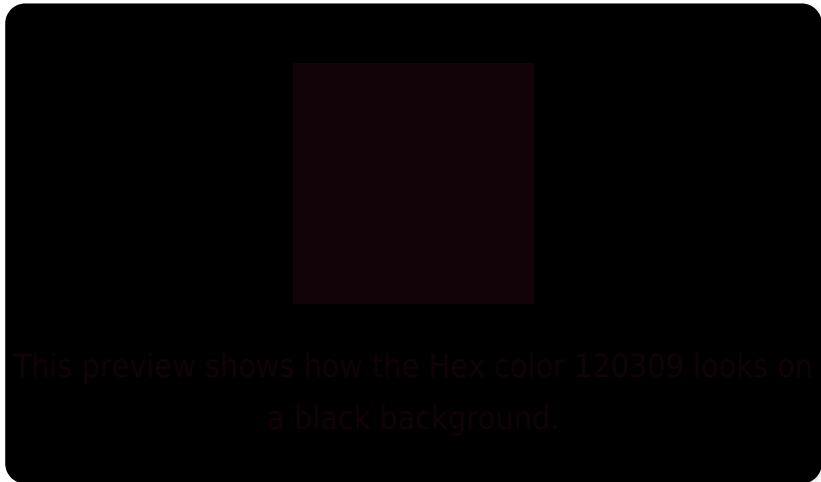
Large Text (above 18pt) WCAG AA ✓ Pass

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

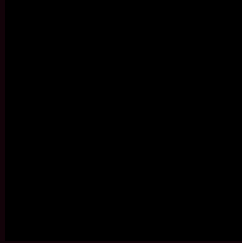
Any Text WCAG AA × Fail

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 120309 Background



This preview shows how black text looks on a background with the Hex color 120309.

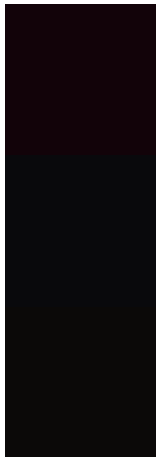


This preview shows how white text looks on a background with the Hex color 120309.

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
120309

Protanopia
09090C

Deuteranopia
0B0908



Tritanopia
120405

Trichromacy



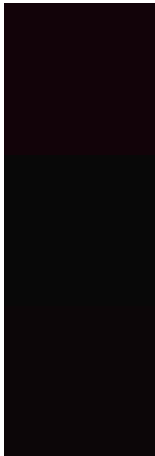
Original Color
120309

Protanomaly
0C070B

Deuteranomaly
0E0708

Tritanomaly
120406

Monochromacy



Original Color
120309

Achromatopsia
080808

Achromatomaly
0C0608

CSS Examples

Text

The CSS property to change the color of the text to Hex 120309 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 #120309 looks like.

```
.text, #text, p{  
    color:#120309  
}
```

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 #120309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120309
}
```

Border

The CSS property to change the border of an element to Hex 120309 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
#120309 }
```

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

```
.border{ border-color:#120309 }
```

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

Here you see how a box with a 4 pixel #120309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120309; -webkit-box-shadow:4px 4px  
4px 4px #120309; box-shadow:4px 4px 4px  
4px #120309 }
```

Background

The CSS property to change the background color of an element to Hex 120309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120309 }
```

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

```
.background{ background-color:#120309 }
```

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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