

Converting Colors

Hex(120C0D)

Have a look what the booklet for
Hex(120C0D) contains.

Hex(120C0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(120C0D)

Conversions

Conversions Part 1

Format	Color
Hex	120C0D
RGB	18, 12, 13
RGB Percent	7%, 5%, 5%
CMY	0.9294, 0.9529, 0.9490
CMYK	0.00, 0.33, 0.28, 0.93
HSL	350°, 20%, 6%
HSV	350°, 33%, 7%
XYZ	0.4536, 0.4206, 0.4380
YIQ	13.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

Format	Color
RYB	18, 12, 13
Decimal	1182733
CIELab	3.80, 2.20, 0.28
CIELCh	4, 2.222, 7.364
Yxy	0.4206, 0.3457, 0.3205
Android (android.graphics.Color)	4279372813 (0xFF120C0D)
YUV	13.9080, -0.4476, 3.5887
Hunter-Lab	6.4854, 1.1345, 0.5351

Details

The Hex color **120C0D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C1211**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **3C3838**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120A0C**, and if you desaturate by 10%, it is **120E0F**.

Distribution



Red (7%)

Green (5%)

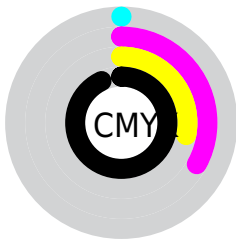
Blue (5%)



Red (7%)

Yellow (5%)

Blue (5%)



Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (93%)



Cyan (93%)

Magenta (95%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120C0D 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 120C0D by changing the saturation by 10% instead.

 120C0D

 120C0D

 F2ECED

 000000

 3C3838

 534E4F

 6C6667

 857F80

 9F999A

 BAB4B5

 D5D0D0

 120C0D

 120C0D

■ 120A0C

■ 120E0F

■ 12080A

■ 121010

■ 120709

■ 121112

■ 120507

■ 121313

■ 120306

■ 121514

■ 120104

■ 121716

■ 120003

■ 121917

■ 121A19

■ 121C1A

Harmonies

Analogous

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



110C0F



120C0D



120C0B

Triad

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



120C0D



0C0E09



090E11

Complementary

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



120C0D



0C1211

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.



080F10



120C0D



090F0C

Square

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



120C0D



0F0E08



080F0E



0C0D12

Rectangle

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



120C0D



110D09



080F0E



090E11

Sweetspot

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



120C0D



171515



110C12



0D0B0B



8C8C8C



0D0D0D

Same Dimension

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



120C0D



170E0F



120E0C



0A0909



4A000C



C90022

Inverse Universe

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



120C0D



170E0F



0C1012



0A0909



4A000C



C90022

Previews

White Background



This preview shows how the Hex color 120C0D looks on a white background.

Color Contrast Check

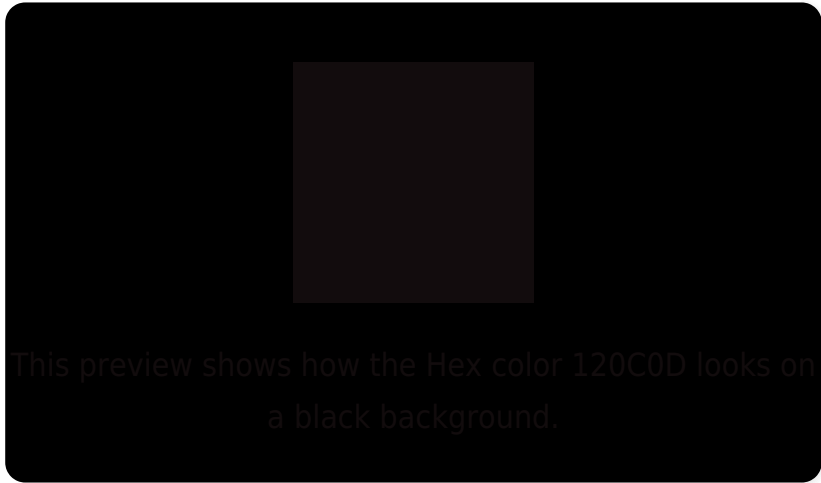
Large Text (above 18pt) WCAG AA ✓ Pass

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

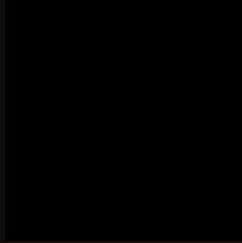
Any Text WCAG AA × Fail

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 120C0D Background



This preview shows how black text looks on a background with the Hex color 120C0D.

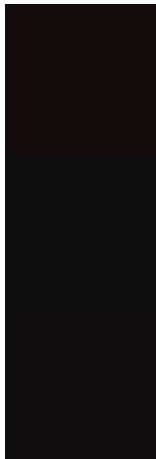


This preview shows how white text looks on a background with the Hex color 120C0D.

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
120C0D

Protanopia
0E0E0E

Deuteranopia
0F0D0D



Tritanopia
120C0D

Trichromacy



Original Color

120C0D

Protanomaly

0F0D0E

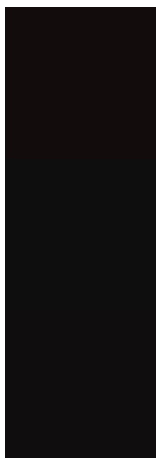
Deuteranomaly

100D0D

Tritanomaly

120C0D

Monochromacy



Original Color

120C0D

Achromatopsia

0E0E0E

Achromatomaly

0F0D0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 120C0D 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 #120C0D looks like.

```
.text, #text, p{  
    color:#120C0D  
}
```

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 #120C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120C0D
}
```

Border

The CSS property to change the border of an element to Hex 120C0D 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
#120C0D }
```

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

```
.border{ border-color:#120C0D }
```

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

Here you see how a box with a 4 pixel #120C0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120C0D; -webkit-box-shadow:4px 4px  
4px 4px #120C0D; box-shadow:4px 4px 4px  
4px #120C0D }
```

Background

The CSS property to change the background color of an element to Hex 120C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120C0D }
```

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

```
.background{ background-color:#120C0D }
```

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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