

Converting Colors

Hex(120C00)

Have a look what the booklet for
Hex(120C00) contains.

Hex(120C00)	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(120C00)

Conversions

Conversions Part 1

Format	Color
Hex	120C00
RGB	18, 12, 0
RGB Percent	7%, 5%, 0%
CMY	0.9294, 0.9529, 1.0000
CMYK	0.00, 0.33, 1.00, 0.93
HSL	40°, 100%, 4%
HSV	40°, 100%, 7%
XYZ	0.3809, 0.3915, 0.0555
YIQ	12.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

Format	Color
RYB	9, 18, 0
Decimal	1182720
CIELab	3.54, 0.36, 5.30
CIELCh	4, 5.316, 86.122
Yxy	0.3915, 0.4601, 0.4729
Android (android.graphics.Color)	4279372800 (0xFF120C00)
YUV	12.4260, -6.1260, 4.8884
Hunter-Lab	6.2573, -0.0838, 3.8543

Details

The Hex color **120C00** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000612**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3C3830**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120C00**, and if you desaturate by 10%, it is **120D02**.

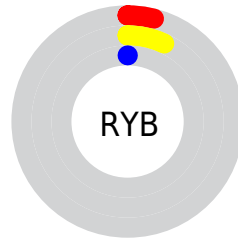
Distribution



Red (7%)

Green (5%)

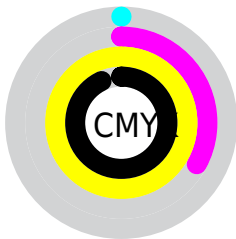
Blue (0%)



Red (4%)

Yellow (7%)

Blue (0%)

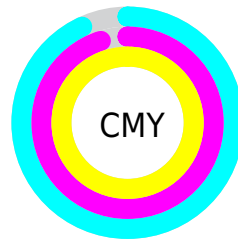


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (93%)



Cyan (93%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120C00 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 120C00 by changing the saturation by 10% instead.

 120C00

 120C00

 F2ECE2

 000000

 3C3830

 534E47

 6B665E

 857F77

 9F9990

 BAB4AB

 D5D0C6

 120C00

■ 120D02

■ 120D04

■ 120E05

■ 120E07

■ 120F09

■ 12100B

■ 12100D

■ 12110E

■ 121110

Harmonies

Analogous

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



160A02



120C00



0C0E01

Triad

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



120C00



001011



130A12

Complementary

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



120C00



000612

Split Complementary

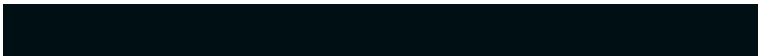
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0D0B15



120C00



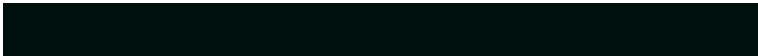
000F14

Square

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



120C00



00100C



060D16



16090E

Rectangle

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



120C00



070F04



060D16



110A13

Sweetspot

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



120C00



171510



120006



0D0B08



8C8C8C



0D0D0D

Same Dimension

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



120C00



170F00



0F1200



0A0A09



4A3100



C98600

Inverse Universe

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



000612



000817



030012



090A0A



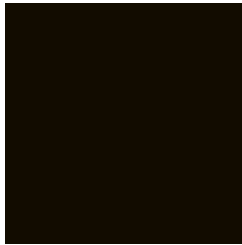
00194A



0043C9

Previews

White Background



This preview shows how the Hex color 120C00 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

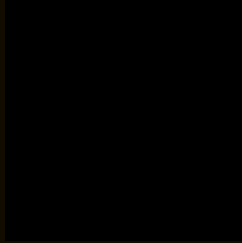
Any Text WCAG AA × Fail

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 120C00 Background



This preview shows how black text looks on a background with the Hex color 120C00.



This preview shows how white text looks on a background with the Hex color 120C00.

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
120C00

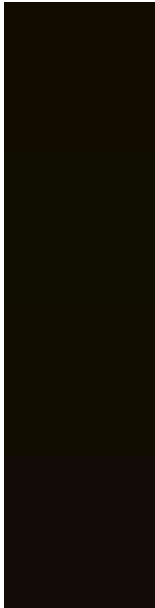
Protanopia
0F0D01

Deuteranopia
110D00



Tritanopia
130B0C

Trichromacy



Original Color
120C00

Protanomaly
100D01

Deuteranomaly
110D00

Tritanomaly
130B08

Monochromacy



Original Color
120C00

Achromatopsia
0C0C0C

Achromatomaly
0E0C08

CSS Examples

Text

The CSS property to change the color of the text to Hex 120C00 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 #120C00 looks like.

```
.text, #text, p{  
    color:#120C00  
}
```

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 #120C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120C00
}
```

Border

The CSS property to change the border of an element to Hex 120C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

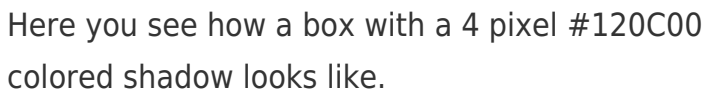
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#120C00 }
```

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

```
.border{ border-color:#120C00 }
```

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



Here you see how a box with a 4 pixel #120C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120C00; -webkit-box-shadow:4px 4px  
4px 4px #120C00; box-shadow:4px 4px 4px  
4px #120C00 }
```

Background

The CSS property to change the background color of an element to Hex 120C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120C00 }
```

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

```
.background{ background-color:#120C00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor