

Converting Colors

Hex(120100)

Have a look what the booklet for
Hex(120100) contains.

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Color

Hex(120100)

Conversions

Conversions Part 1

Format	Color
Hex	120100
RGB	18, 1, 0
RGB Percent	7%, 0%, 0%
CMY	0.9294, 0.9961, 1.0000
CMYK	0.00, 0.94, 1.00, 0.93
HSL	3°, 100%, 4%
HSV	3°, 100%, 7%
XYZ	0.2603, 0.1503, 0.0153
YIQ	5.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

Format	Color
RYB	18, 1, 0
Decimal	1179904
CIELab	1.36, 4.81, 2.12
CIElCh	1, 5.258, 23.802
Yxy	0.1503, 0.6112, 0.3529
Android (android.graphics.Color)	4279369984 (0xFF120100)
YUV	5.9690, -2.9427, 10.5512
Hunter-Lab	3.8769, 5.2003, 2.4800

Details

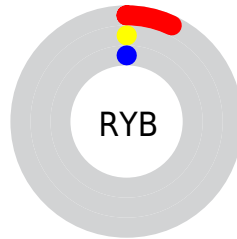
The Hex color **120100** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001112**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **3C3130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120100**, and if you desaturate by 10%, it is **120302**.

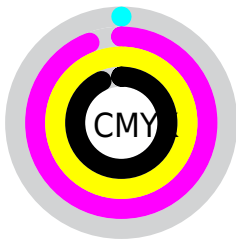
Distribution



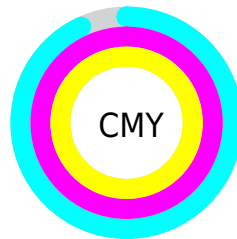
- Red (7%)
- Green (0%)
- Blue (0%)



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



- Cyan (0%)
- Magenta (94%)
- Yellow (100%)
- Black (93%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 120100 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 120100 by changing the saturation by 10% instead.

 120100

 120100

 F2E3E2

 000000

 3C3130

 534747

 6B5F5E

 847877

 9E9191

 B9ACAB

 D5C7C6

 120100

■ 120302

■ 120404

■ 120605

■ 120807

■ 120A09

■ 120B0B

■ 120D0D

■ 120F0E

■ 121010

Harmonies

Analogous

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



110107



120100



0F0200

Triad

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



120100



000800



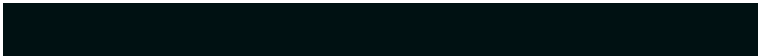
000610

Complementary

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



120100



001112

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.



00080F



120100



000903

Square

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



120100



020600



00090A



050410

Rectangle

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



120100



0B0400



00090A



000710

Sweetspot

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



120100



171010



120011



0D0808



8C8C8C



0D0D0D

Same Dimension

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



120100



170100



120A00



0A0909



4A0400



C90B00

Inverse Universe

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



001112



001617



000812



090A0A



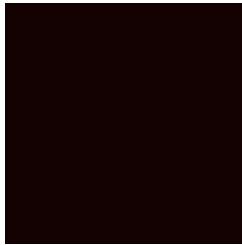
00464A



00BEC9

Previews

White Background



This preview shows how the Hex color 120100 looks on a white background.

Color Contrast Check

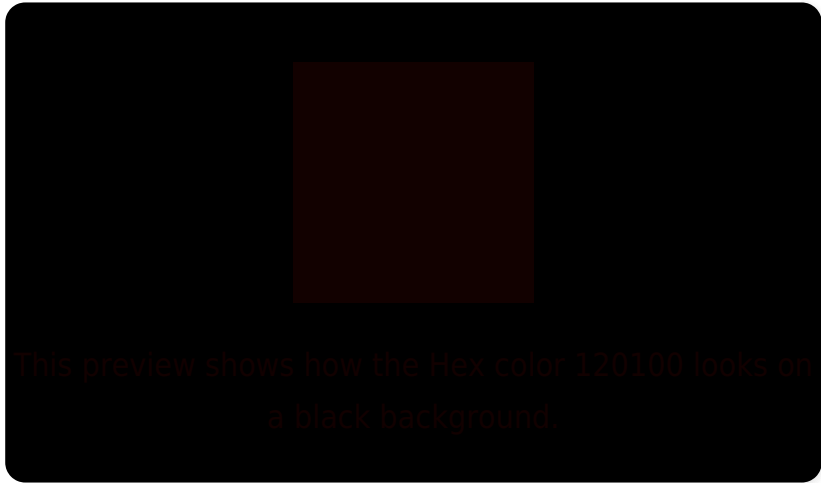
Large Text (above 18pt) WCAG AA ✓ Pass

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

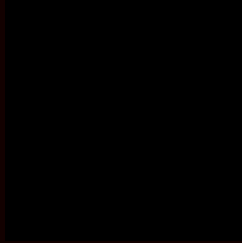
Any Text WCAG AA × Fail

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 120100 Background



This preview shows how black text looks on a background with the Hex color 120100.

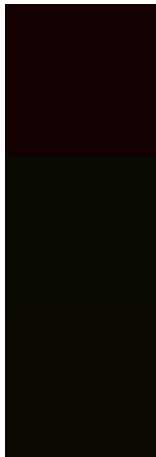


This preview shows how white text looks on a background with the Hex color 120100.

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](#).

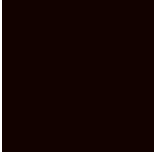
Dichromacy



Original Color
120100

Protanopia
0A0902

Deuteranopia
0B0900



Tritanopia
120200

Trichromacy



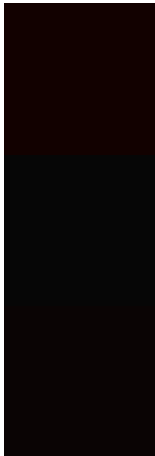
Original Color
120100

Protanomaly
0D0601

Deuteranomaly
0E0600

Tritanomaly
120200

Monochromacy



Original Color
120100

Achromatopsia
060606

Achromatomaly
0A0404

CSS Examples

Text

The CSS property to change the color of the text to Hex 120100 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 #120100 looks like.

```
.text, #text, p{  
    color:#120100  
}
```

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 #120100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120100
}
```

Border

The CSS property to change the border of an element to Hex 120100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

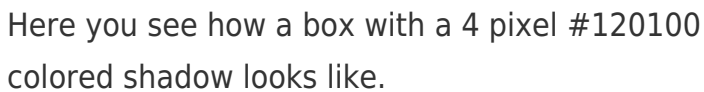
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#120100 }
```

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

```
.border{ border-color:#120100 }
```

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



Here you see how a box with a 4 pixel #120100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120100; -webkit-box-shadow:4px 4px  
4px 4px #120100; box-shadow:4px 4px 4px  
4px #120100 }
```

Background

The CSS property to change the background color of an element to Hex 120100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120100 }
```

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

```
.background{ background-color:#120100 }
```

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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