

Converting Colors

Hex(100C0B)

Have a look what the booklet for
Hex(100C0B) contains.

Hex(100C0B)	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(100C0B)

Conversions

Conversions Part 1

Format	Color
Hex	100C0B
RGB	16, 12, 11
RGB Percent	6%, 5%, 4%
CMY	0.9373, 0.9529, 0.9569
CMYK	0.00, 0.25, 0.31, 0.94
HSL	12°, 19%, 5%
HSV	12°, 31%, 6%
XYZ	0.4056, 0.3973, 0.3719
YIQ	13.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

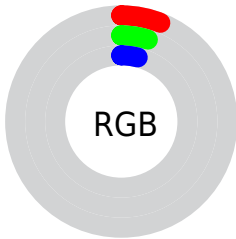
Format	Color
RYB	16, 12, 11
Decimal	1051659
CIELab	3.59, 1.15, 0.87
CIELCh	4, 1.437, 37.123
Yxy	0.3973, 0.3452, 0.3382
Android (android.graphics.Color)	4279241739 (0xFF100C0B)
YUV	13.0820, -1.0264, 2.5591
Hunter-Lab	6.3029, 0.4556, 0.9135

Details

The Hex color **100C0B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B0F10**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3B3837**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100B09**, and if you desaturate by 10%, it is **100D0D**.

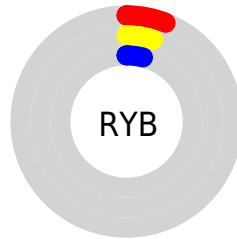
Distribution



Red (6%)

Green (5%)

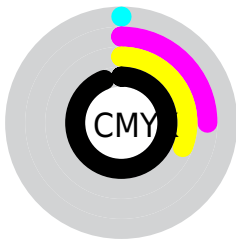
Blue (4%)



Red (6%)

Yellow (5%)

Blue (4%)

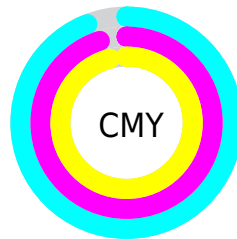


Cyan (0%)

Magenta (25%)

Yellow (31%)

Black (94%)



Cyan (94%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100C0B 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 100C0B by changing the saturation by 10% instead.


 100C0B

 100C0B

 F0ECEB

 000000

 3B3837

 514E4E

 6A6666

 837F7F

 9D9998

 B8B4B3

 D3D0CF

 100C0B

 100C0B

■ 100B09

■ 100D0D

■ 100908

■ 100F0E

■ 100806

■ 101010

■ 100705

■ 101111

■ 100603

■ 101213

■ 100401

■ 101415

■ 100300

■ 101516

■ 101618

■ 101819

Harmonies

Analogous

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



100C0D



100C0B



0F0C0A

Triad

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



100C0B



0A0E0C



0C0D10

Complementary

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



100C0B



0B0F10

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.



0A0D0F



100C0B



090E0D

Square

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



100C0B



0C0D0A



090E0F



0E0C0F

Rectangle

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



100C0B



0E0D0A



090E0F



0B0D10

Sweetspot

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



100C0B



141313



100B0F



0A0909



8A8A8A



0A0A0A

Same Dimension

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



100C0B



140E0D



100F0B



080707



470E00



C72800

Inverse Universe

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



0B0F10



0D1314



0B0D10



070708



003947



009FC7

Previews

White Background



This preview shows how the Hex color 100C0B looks on a white background.

Color Contrast Check

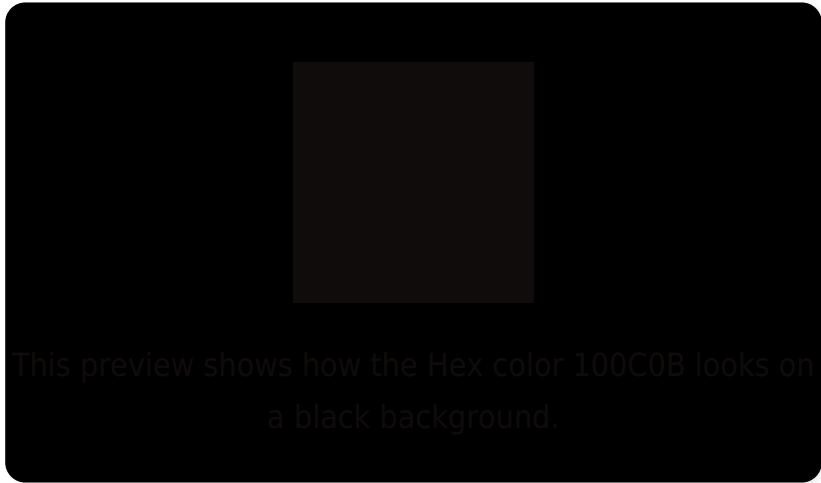
Large Text (above 18pt) WCAG AA ✓ Pass

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

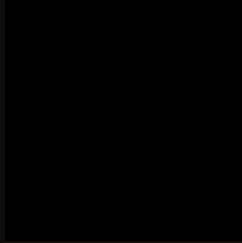
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

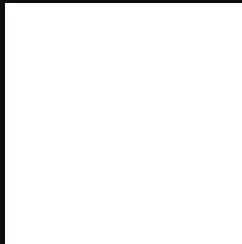
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 100C0B Background



This preview shows how black text looks on a background with the Hex color 100C0B.

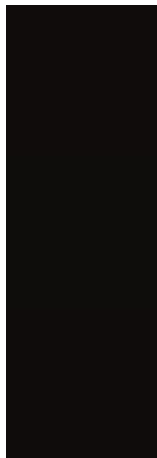


This preview shows how white text looks on a background with the Hex color 100C0B.

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
100C0B

Protanopia
0E0D0B

Deuteranopia
0F0C0B

Trichromacy



Original Color

100C0B

Protanomaly

0F0D0B

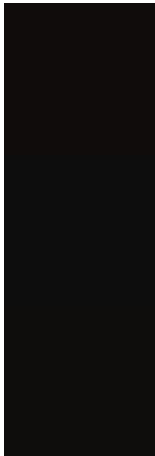
Deuteranomaly

0F0C0B

Tritanomaly

100C0C

Monochromacy



Original Color

100C0B

Achromatopsia

0D0D0D

Achromatomaly

0E0D0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 100C0B 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 #100C0B looks like.

```
.text, #text, p{  
    color:#100C0B  
}
```

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 #100C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100C0B
}
```

Border

The CSS property to change the border of an element to Hex 100C0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

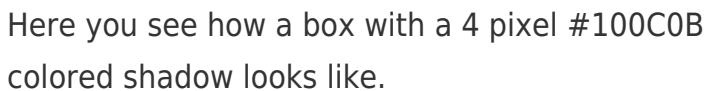
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100C0B }
```

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

```
.border{ border-color:#100C0B }
```

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



Here you see how a box with a 4 pixel #100C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100C0B; -webkit-box-shadow:4px 4px  
4px 4px #100C0B; box-shadow:4px 4px 4px  
4px #100C0B }
```

Background

The CSS property to change the background color of an element to Hex 100C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100C0B }
```

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

```
.background{ background-color:#100C0B }
```

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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