Converting Colors

Hex(0C0B0B)

Have a look what the booklet for Hex(0C0B0B) contains.

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Color

Hex(0C0B0B)

Conversions

Conversions Part 1

Format	Color
Hex	0C0B0B
RGB	12, 11, 11
RGB Percent	5%, 4%, 4%
CMY	0.9529, 0.9569, 0.9569
CMYK	0.00, 0.08, 0.08, 0.95
HSL	0°, 4%, 5%
HSV	0°, 8%, 5%
XYZ	0.3317, 0.3417, 0.3651
YIQ	11.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

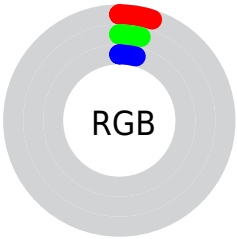
Format	Color
RYB	12, 11, 11
Decimal	789259
CIELab	3.09, 0.28, 0.10
CIELCh	3, 0.302, 19.233
Yxy	0.3417, 0.3194, 0.3290
Android (android.graphics.Color)	4278979339 (0xFF0C0B0B)
YUV	11.2990, -0.1474, 0.6148
Hunter-Lab	5.8452, -0.1000, 0.3886

Details

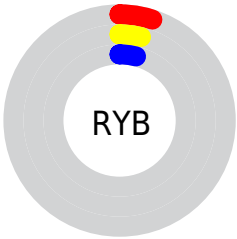
The Hex color 0C0B0B is a dark color, and the websafe version is hex 000000. A complement of this color would be 0B0C0C, and the grayscale version is 0B0B0B.

A 20% lighter version of the original color is 383737, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 0C0A0A, and if you desaturate by 10%, it is 0C0C0C.

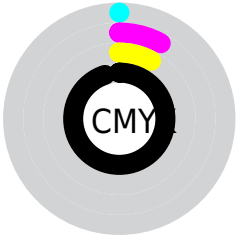
Distribution



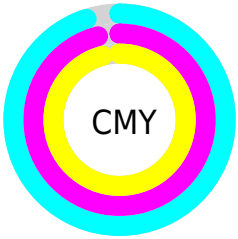
- Red (5%)
- Green (4%)
- Blue (4%)



- Red (5%)
- Yellow (4%)
- Blue (4%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (95%)



- Cyan (95%)
- Magenta (96%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0B0B 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 0C0B0B by changing the saturation by 10% instead.

0C0B0B

ECEBEB

383737

4E4E4E

666666

7F7F7F

999898

B4B3B3

D0CFCF

0C0B0B

0C0B0B

000000

0C0B0B

0C0A0A

0C0C0C

0C0909

0C0D0D

0C0707

0C0F0F

0C0606

0C1010

0C0505

0C1111

0C0404

0C1212

0C0303

0C1313

0C0101

0C1515

0C0000

0C1616

Harmonies

Triad

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

0C0B0B

0B0B0B

0B0B0C

Complementary

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

0C0B0B

0B0C0C

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.

0A0B0C

0C0B0B

0B0B0B

Square

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

0C0B0B

0B0B0B

0A0B0B

0B0B0C

Rectangle

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

0C0B0B

0A0B0B

0B0B0C

Sweetspot

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

0C0B0B

0F0F0F

0C0B0C

080707

878787

080808

Same Dimension

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

0C0B0B

0F0E0E

0C0C0B

050505

450000

C40000

Inverse Universe

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

0B0C0C

0E0F0F

050505

004545

00C4C4

Previews

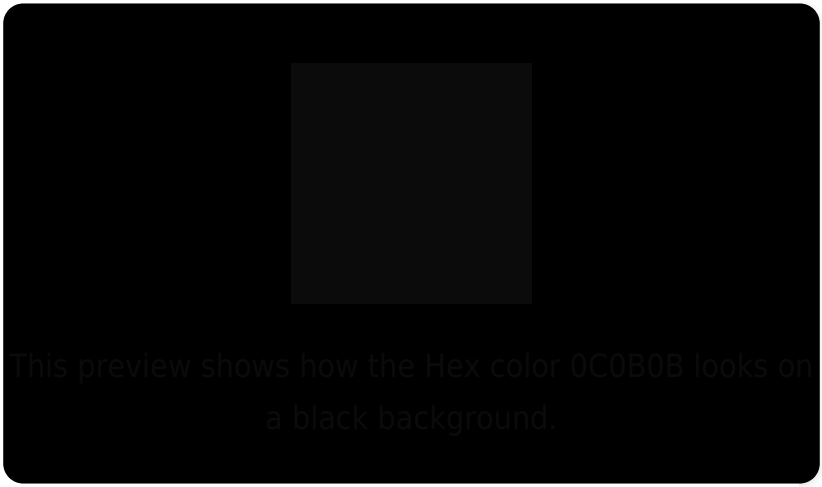
White Background

This preview shows how the Hex color 0C0B0B 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 0C0B0B Background

This preview shows how black text looks on a background with the Hex color 0C0B0B.

This preview shows how white text looks on a background with the Hex color 0C0B0B.

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
0C0B0B

Protanopia
0B0B0B

Deuteranopia
0C0B0B

Tritanopia
0C0B0C

Trichromacy

Original Color
0C0B0B

Protanomaly
0B0B0B

Deuteranomaly
0C0B0B

Tritanomaly
0C0B0C

Monochromacy

Original Color
0C0B0B

Achromatopsia
0B0B0B

Achromatomaly
0B0B0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0B0B 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 #0C0B0B looks like.

```
.text, #text, p{
    color:#0C0B0B
}
```

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 #0C0B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0B0B
}
```

Border

The CSS property to change the border of an element to Hex 0C0B0B 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
#0C0B0B }
```

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

```
.border{ border-color:#0C0B0B }
```

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

Here you see how a box with a 4 pixel #0C0B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #0C0B0B; -webkit-box-shadow:4px 4px 4px 4px #0C0B0B; box-shadow:4px 4px 4px 4px #0C0B0B }
```

Background

The CSS property to change the background color of an element to Hex 0C0B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#0C0B0B }
```

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

```
.background{ background-color:#0C0B0B }
```

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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