

Converting Colors

Hex(0C0A0A)

Have a look what the booklet for
Hex(0C0A0A) contains.

Hex(0C0A0A)	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(0C0A0A)

Conversions

Conversions Part 1

Format	Color
Hex	0C0A0A
RGB	12, 10, 10
RGB Percent	5%, 4%, 4%
CMY	0.9529, 0.9608, 0.9608
CMYK	0.00, 0.17, 0.17, 0.95
HSL	0°, 9%, 4%
HSV	0°, 17%, 5%
XYZ	0.3149, 0.3172, 0.3318
YIQ	10.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

Format	Color
RYB	12, 10, 10
Decimal	789002
CIELab	2.86, 0.55, 0.19
CIELCh	3, 0.586, 19.325
Yxy	0.3172, 0.3267, 0.3290
Android (android.graphics.Color)	4278979082 (0xFF0C0A0A)
YUV	10.5980, -0.2948, 1.2296
Hunter-Lab	5.6317, 0.1270, 0.4492

Details

The Hex color **0C0A0A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0C0C**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **383636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C0909**, and if you desaturate by 10%, it is **0C0B0B**.

Distribution



Red (5%)

Green (4%)

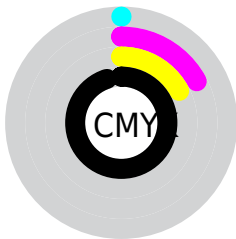
Blue (4%)



Red (5%)

Yellow (4%)

Blue (4%)



Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (95%)



Cyan (95%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0A0A 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 0C0A0A by changing the saturation by 10% instead.

■ 0C0A0A

■ 0C0A0A

■ ECEAEA

■ 000000

■ 383636

■ 4E4D4D

■ 666565

■ 7F7E7E

■ 999898

■ B4B2B2

■ D0CECE

■ 0C0A0A

■ 0C0A0A

■ 0C0909

■ 0C0B0B

■ 0C0808

■ 0C0C0C

■ 0C0606

■ 0C0E0E

■ 0C0505

■ 0C0F0F

■ 0C0404

■ 0C1010

■ 0C0303

■ 0C1111

■ 0C0202

■ 0C1212

■ 0C0000

■ 0C1414

■ 0C1515

Harmonies

Analogous

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



0C0A0B



0C0A0A



0C0A09

Triad

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



0C0A0A



0A0B09



0A0B0C

Complementary

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



0C0A0A



0A0C0C

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.



090B0B



0C0A0A



090B0A

Square

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



0C0A0A



0B0B09



090B0B



0A0A0C

Rectangle

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



0C0A0A



0C0A09



090B0B



090B0C

Sweetspot

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



0C0A0A



0F0F0F



0C0A0C



080707



878787



080808

Same Dimension

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



0C0A0A



0F0C0C



0C0B0A



050505



450000



C40000

Inverse Universe

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



0A0C0C



0C0F0F



0A0B0C



050505



004545



00C4C4

Previews

White Background



This preview shows how the Hex color 0C0A0A looks on a white background.

Color Contrast Check

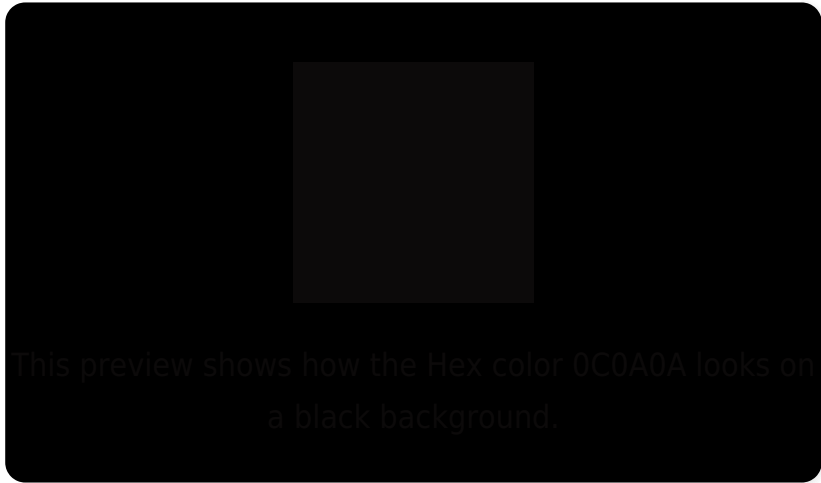
Large Text (above 18pt) WCAG AA ✓ Pass

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

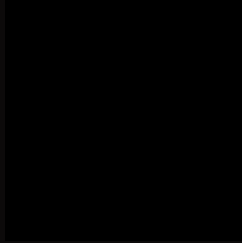
Any Text WCAG AA × Fail

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 0C0A0A Background



This preview shows how black text looks on a background with the Hex color 0C0A0A.



This preview shows how white text looks on a background with the Hex color 0C0A0A.

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

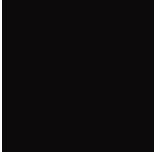
0C0A0A

Protanopia

0B0A0A

Deuteranopia

0C0A0A



Tritanopia
0C0A0B

Trichromacy



Original Color

0C0A0A

Protanomaly

0B0A0A

Deuteranomaly

0C0A0A

Tritanomaly

0C0A0B

Monochromacy



Original Color

0C0A0A

Achromatopsia

0B0B0B

Achromatomaly

0B0B0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0A0A 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 #0C0A0A looks like.

```
.text, #text, p{  
    color:#0C0A0A  
}
```

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 #0C0A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0A0A
}
```

Border

The CSS property to change the border of an element to Hex 0C0A0A 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
#0C0A0A }
```

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

```
.border{ border-color:#0C0A0A }
```

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

Here you see how a box with a 4 pixel #0C0A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0A0A; -webkit-box-shadow:4px 4px  
4px 4px #0C0A0A; box-shadow:4px 4px 4px  
4px #0C0A0A }
```

Background

The CSS property to change the background color of an element to Hex 0C0A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0A0A }
```

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

```
.background{ background-color:#0C0A0A }
```

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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