

Converting Colors

Hex(0C0004)

Have a look what the booklet for
Hex(0C0004) contains.

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Color

Hex(0C0004)

Conversions

Conversions Part 1

Format	Color
Hex	0C0004
RGB	12, 0, 4
RGB Percent	5%, 0%, 2%
CMY	0.9529, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.67, 0.95
HSL	340°, 100%, 2%
HSV	340°, 100%, 5%
XYZ	0.1735, 0.0869, 0.1225
YIQ	4.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

Format	Color
RYB	12, 0, 4
Decimal	786436
CIELab	0.79, 3.72, -0.40
CIElCh	1, 3.745, 353.895
Yxy	0.0869, 0.4531, 0.2270
Android (android.graphics.Color)	4278976516 (0xFF0C0004)
YUV	4.0440, -0.0217, 6.9774
Hunter-Lab	2.9484, 5.3465, -0.3995

Details

The Hex color **0C0004** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000C08**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **373033**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C0004**, and if you desaturate by 10%, it is **0C0105**.

Distribution



Red (5%)

Green (0%)

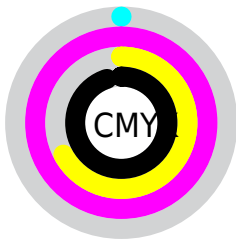
Blue (2%)



Red (5%)

Yellow (0%)

Blue (2%)



Cyan (0%)

Magenta (100%)

Yellow (67%)

Black (95%)



Cyan (95%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0004 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 0C0004 by changing the saturation by 10% instead.

■ 0C0004

■ 0C0004

■ ECE2E5

■ 000000

■ 373033

■ 4E4749

■ 665E61

■ 7F777A

■ 999193

■ B4ABAE

■ CFC6C9

■ 0C0004

■ 0C0105

■ 0C0206

■ 0C0406

■ 0C0507

■ 0C0608

■ 0C0709

■ 0C080A

■ 0C0A0A

■ 0C0B0B

Harmonies

Analogous

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



080108



0C0004



0D0000

Triad

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



0C0004



000400



00050A

Complementary

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



0C0004



000C08

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.



000606



0C0004



000500

Square

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



0C0004



050200



000502



00040C

Rectangle

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



0C0004



0B0100



000502



000509

Sweetspot

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



0C0004



0F0B0C



08000C



080506



878787



080808

Same Dimension

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



0C0004



0F0005



0C0200



050505



450017



C40041

Inverse Universe

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



0C0004



0F0005



000A0C



050505



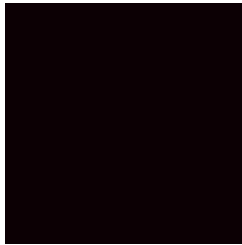
450017



C40041

Previews

White Background



This preview shows how the Hex color 0C0004 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

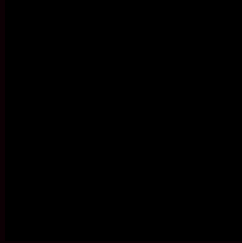
Any Text WCAG AA × Fail

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 0C0004 Background



This preview shows how black text looks on a background with the Hex color 0C0004.



This preview shows how white text looks on a background with the Hex color 0C0004.

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
0C0004

Protanopia
060606

Deuteranopia
070603



Tritanopia
0C0201

Trichromacy



Original Color
0C0004

Protanomaly
080405

Deuteranomaly
090403

Tritanomaly
0C0102

Monochromacy



Original Color
0C0004

Achromatopsia
040404

Achromatomaly
070304

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0004 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 #0C0004 looks like.

```
.text, #text, p{  
    color:#0C0004  
}
```

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 #0C0004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0004
}
```

Border

The CSS property to change the border of an element to Hex 0C0004 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
#0C0004 }
```

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

```
.border{ border-color:#0C0004 }
```

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

Here you see how a box with a 4 pixel #0C0004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0004; -webkit-box-shadow:4px 4px  
4px 4px #0C0004; box-shadow:4px 4px 4px  
4px #0C0004 }
```

Background

The CSS property to change the background color of an element to Hex 0C0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0004 }
```

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

```
.background{ background-color:#0C0004 }
```

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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