

Converting Colors

Hex(0C1E05)

Have a look what the booklet for
Hex(0C1E05) contains.

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Color

Hex(0C1E05)

Conversions

Conversions Part 1

Format	Color
Hex	0C1E05
RGB	12, 30, 5
RGB Percent	5%, 12%, 2%
CMY	0.9529, 0.8824, 0.9804
CMYK	0.60, 0.00, 0.83, 0.88
HSL	103°, 71%, 7%
HSV	103°, 83%, 12%
XYZ	0.6433, 1.0177, 0.3061
YIQ	21.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

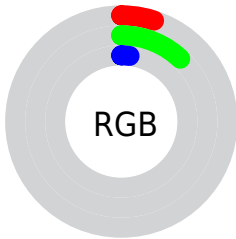
Format	Color
RYB	5, 30, 23
Decimal	794117
CIELab	9.14, -13.04, 11.38
CIELCh	9, 17.302, 138.888
Yxy	1.0177, 0.3270, 0.5174
Android (android.graphics.Color)	4278984197 (0xFF0C1E05)
YUV	21.7680, -8.2666, -8.5665
Hunter-Lab	10.0879, -6.2714, 5.2625

Details

The Hex color **0C1E05** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17051E**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **364A33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A1E02**, and if you desaturate by 10%, it is **0E1E08**.

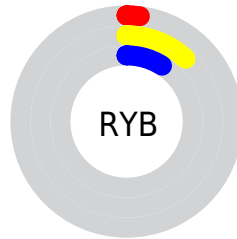
Distribution



Red (5%)

Green (12%)

Blue (2%)



Red (2%)

Yellow (12%)

Blue (9%)

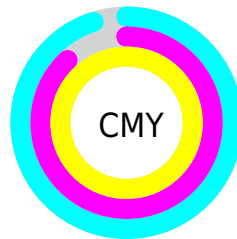


Cyan (60%)

Magenta (0%)

Yellow (83%)

Black (88%)



Cyan (95%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1E05 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 0C1E05 by changing the saturation by 10% instead.

■ 0C1E05

■ 0C1E05

■ EBFFE6

■ 000000

■ 364A33

■ 4D6249

■ 657B61

■ 7E947A

■ 99AF94

■ B3CAAE

■ CFE7CA

■ 0C1E05

■ 0C1E05

■ 0A1E02

■ 0E1E08

■ 081E00

■ 101E0B

■ 121E0E

■ 151E11

■ 171E14

■ 191E17

■ 1B1E1A

■ 1D1E1D

■ 1F1E20

Harmonies

Analogous

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



1B1B00



0C1E05



002015

Triad

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



0C1E05



001C30



2F1012

Complementary

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



0C1E05



17051E

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.



2D101F



0C1E05



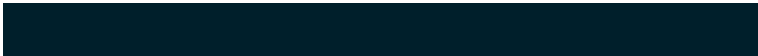
131830

Square

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



0C1E05



001F2B



241429



2C1302

Rectangle

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



0C1E05



00201D



241429



2F0F17

Sweetspot

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



0C1E05



1F261D



1E1705



10140E



949494



141414

Same Dimension

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



0C1E05



0B2600



051E0A



0E0F0E



164F00



3ACF00

Inverse Universe

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



17051E



1C0026



1E0519



0F0E0F



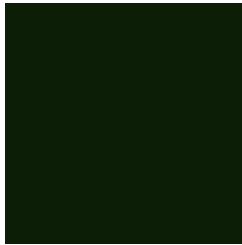
39004F



9500CF

Previews

White Background



This preview shows how the Hex color 0C1E05 looks on a white background.

Color Contrast Check

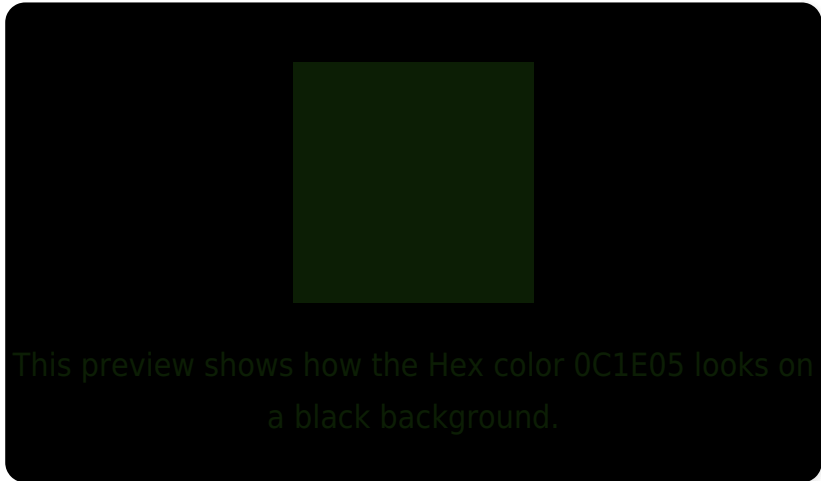
Large Text (above 18pt) WCAG AA ✓ Pass

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

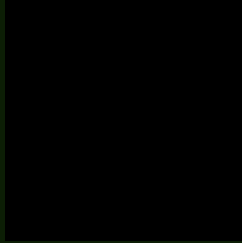
Any Text WCAG AA × Fail

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 0C1E05 Background



This preview shows how black text looks on a background with the Hex color 0C1E05.



This preview shows how white text looks on a background with the Hex color 0C1E05.

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
0C1E05

Protanopia
1D1A04

Deuteranopia
211908



Tritanopia
111C1E

Trichromacy



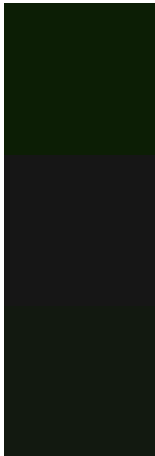
Original Color
0C1E05

Protanomaly
171B04

Deuteranomaly
191B07

Tritanomaly
0F1D15

Monochromacy



Original Color
0C1E05

Achromatopsia
161616

Achromatomaly
121910

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1E05 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 #0C1E05 looks like.

```
.text, #text, p{  
    color:#0C1E05  
}
```

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 #0C1E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1E05
}
```

Border

The CSS property to change the border of an element to Hex 0C1E05 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
#0C1E05 }
```

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

```
.border{ border-color:#0C1E05 }
```

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

Here you see how a box with a 4 pixel #0C1E05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1E05; -webkit-box-shadow:4px 4px  
4px 4px #0C1E05; box-shadow:4px 4px 4px  
4px #0C1E05 }
```

Background

The CSS property to change the background color of an element to Hex 0C1E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1E05 }
```

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

```
.background{ background-color:#0C1E05 }
```

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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