

Converting Colors

Hex(13000C)

Have a look what the booklet for
Hex(13000C) contains.

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Color

Hex(13000C)

Conversions

Conversions Part 1

Format	Color
Hex	13000C
RGB	19, 0, 12
RGB Percent	7%, 0%, 5%
CMY	0.9255, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.37, 0.93
HSL	322°, 100%, 4%
HSV	322°, 100%, 7%
XYZ	0.3349, 0.1650, 0.3620
YIQ	7.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

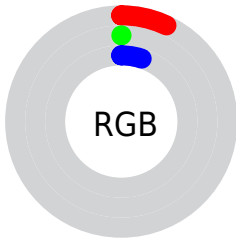
Format	Color
RYB	19, 0, 12
Decimal	1245196
CIELab	1.49, 7.30, -2.61
CIELCh	1, 7.748, 340.326
Yxy	0.1650, 0.3886, 0.1914
Android (android.graphics.Color)	4279435276 (0xFF13000C)
YUV	7.0490, 2.4408, 10.4810
Hunter-Lab	4.0619, 7.6096, -2.4409

Details

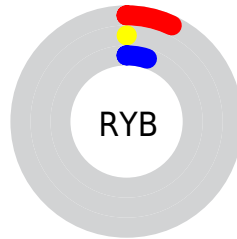
The Hex color **13000C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001307**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **3D3038**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13000C**, and if you desaturate by 10%, it is **13020D**.

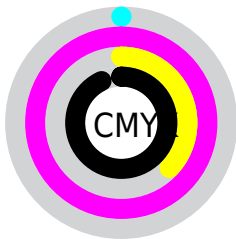
Distribution



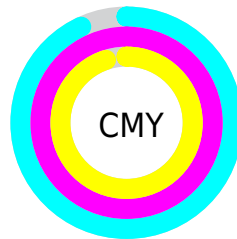
- Red (7%)
- Green (0%)
- Blue (5%)



- Red (7%)
- Yellow (0%)
- Blue (5%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (93%)



- Cyan (93%)
- Magenta (100%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13000C 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 13000C by changing the saturation by 10% instead.

 13000C

 13000C

 F3E2EC

 000000

 3D3038

 54464E

 6C5E66

 85777F

 A09099

 BBABB4

 D6C6D0

 13000C

■ 13020D

■ 13040D

■ 13060E

■ 13080F

■ 130A10

■ 130B10

■ 130D11

■ 130F12

■ 131112

Harmonies

Analogous

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



0C0212



13000C



160002

Triad

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



13000C



050600



000B10

Complementary

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



13000C



001307

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.



000B09



13000C



000900

Square

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



13000C



0F0300



000A00



000814

Rectangle

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



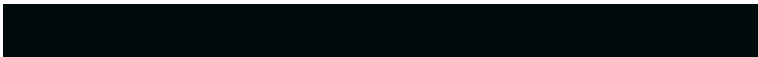
13000C



160000



000A00



000B0E

Sweetspot

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



13000C



1A1217



070013



0D080B



8C8C8C



0D0D0D

Same Dimension

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



13000C



1A0010



130003



0A090A



4A002F



C9007F

Inverse Universe

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



13000C



1A0010



001310



0A090A



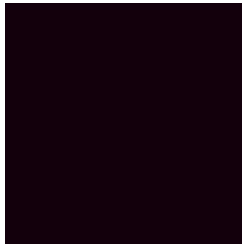
4A002F



C9007F

Previews

White Background



This preview shows how the Hex color 13000C looks on a white background.

Color Contrast Check

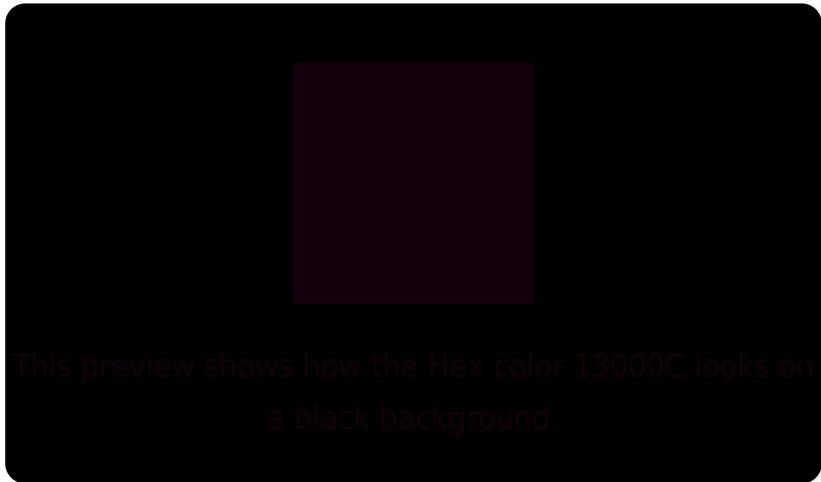
Large Text (above 18pt) WCAG AA ✓ Pass

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

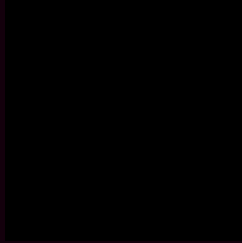
Any Text WCAG AA × Fail

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 13000C Background



This preview shows how black text looks on a background with the Hex color 13000C.



This preview shows how white text looks on a background with the Hex color 13000C.

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](#).

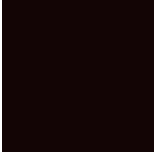
Dichromacy



Original Color
13000C

Protanopia
070A11

Deuteranopia
0B0A0B



Tritanopia
130505

Trichromacy



Original Color
13000C

Protanomaly
0B060F

Deuteranomaly
0E060B

Tritanomaly
130308

Monochromacy



Original Color
13000C

Achromatopsia
070707

Achromatomaly
0B0409

CSS Examples

Text

The CSS property to change the color of the text to Hex 13000C 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 #13000C looks like.

```
.text, #text, p{  
    color:#13000C  
}
```

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 #13000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13000C
}
```

Border

The CSS property to change the border of an element to Hex 13000C 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
#13000C }
```

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

```
.border{ border-color:#13000C }
```

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

Here you see how a box with a 4 pixel #13000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13000C; -webkit-box-shadow:4px 4px  
4px 4px #13000C; box-shadow:4px 4px 4px  
4px #13000C }
```

Background

The CSS property to change the background color of an element to Hex 13000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13000C }
```

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

```
.background{ background-color:#13000C }
```

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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