

Converting Colors

Hex(00130A)

Have a look what the booklet for
Hex(00130A) contains.

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Color

Hex(00130A)

Conversions

Conversions Part 1

Format	Color
Hex	00130A
RGB	0, 19, 10
RGB Percent	0%, 7%, 4%
CMY	1.0000, 0.9255, 0.9608
CMYK	1.00, 0.00, 0.47, 0.93
HSL	152°, 100%, 4%
HSV	152°, 100%, 7%
XYZ	0.2877, 0.4877, 0.3661
YIQ	12.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

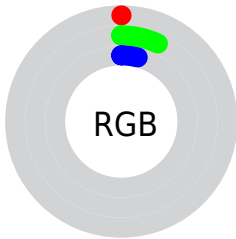
Format	Color
R _Y B	0, 12, 19
Decimal	4874
CIE Lab	4.40, -7.20, 2.36
CIE LCh	4, 7.579, 161.875
Yxy	0.4877, 0.2520, 0.4272
Android (android.graphics.Color)	4278194954 (0xFF00130A)
YUV	12.2930, -1.1304, -10.7810
Hunter-Lab	6.9833, -4.8678, 1.7798

Details

The Hex color **00130A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **130009**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **303D36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00130A**, and if you desaturate by 10%, it is **02130B**.

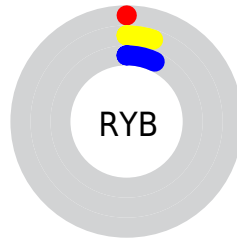
Distribution



Red (0%)

Green (7%)

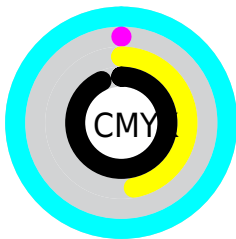
Blue (4%)



Red (0%)

Yellow (5%)

Blue (7%)

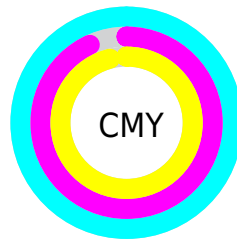


Cyan (100%)

Magenta (0%)

Yellow (47%)

Black (93%)



Cyan (100%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00130A 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 00130A by changing the saturation by 10% instead.

 00130A

 00130A

 E2F3EA

 000000

 303D36

 46544D

 5E6C65

 76867E

 90A098

 ABBBB2

 C6D7CE

 00130A

■ 02130B

■ 04130C

■ 06130D

■ 08130E

■ 0A130E

■ 0B130F

■ 0D1310

■ 0F1311

■ 111312

Harmonies

Analogous

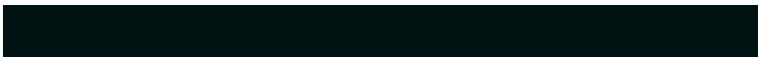
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



091202



00130A



001312

Triad

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



00130A



0C0F1A



1B0B04

Complementary

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



00130A



130009

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.



1C0A0C



00130A



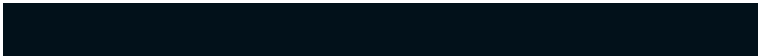
140C18

Square

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



00130A



02111A



190B13



180D00

Rectangle

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



00130A



001315



190B13



1C0B07

Sweetspot

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



00130A



121A16



091300



080D0B



8C8C8C



0D0D0D

Same Dimension

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



00130A



001A0D



001313



090A0A



004A27



00C96A

Inverse Universe

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



130009



1A000C



130000



0A090A



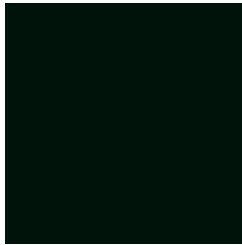
4A0023



C9005F

Previews

White Background



This preview shows how the Hex color 00130A looks on a white background.

Color Contrast Check

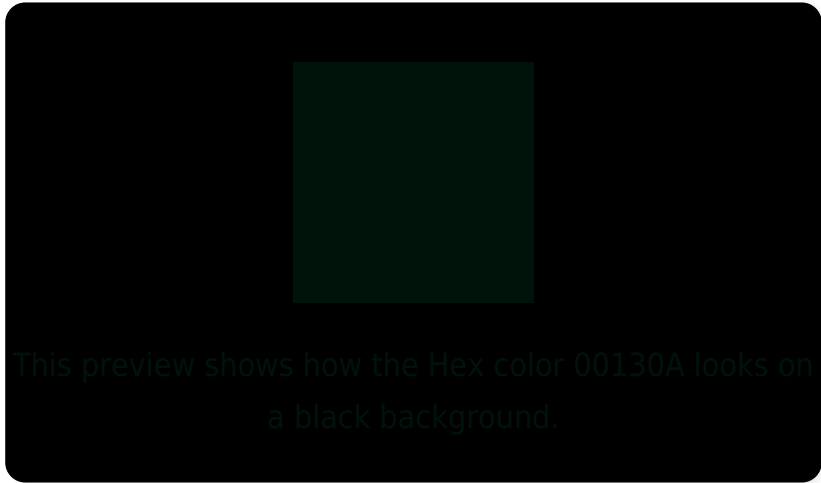
Large Text (above 18pt) WCAG AA ✓ Pass

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

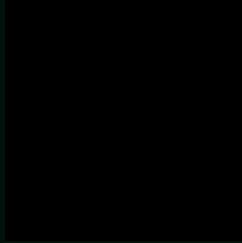
Any Text WCAG AA × Fail

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 00130A Background



This preview shows how black text looks on a background with the Hex color 00130A.



This preview shows how white text looks on a background with the Hex color 00130A.

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
00130A

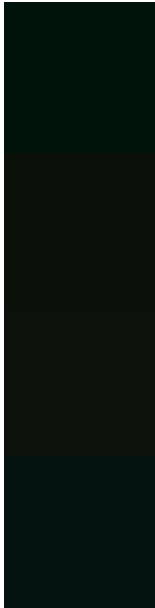
Protanopia
121009

Deuteranopia
14100B



Tritanopia
071213

Trichromacy



Original Color
00130A

Protanomaly
0B1109

Deuteranomaly
0D110B

Tritanomaly
041210

Monochromacy



Original Color
00130A

Achromatopsia
0C0C0C

Achromatomaly
080F0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00130A 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 #00130A looks like.

```
.text, #text, p{  
    color:#00130A  
}
```

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 #00130A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00130A
}
```

Border

The CSS property to change the border of an element to Hex 00130A is called "border". The border property can be set on classes, ids or directly on the HTML element.

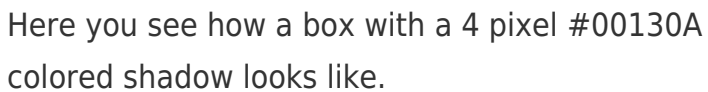
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00130A }
```

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

```
.border{ border-color:#00130A }
```

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



Here you see how a box with a 4 pixel #00130A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00130A; -webkit-box-shadow:4px 4px  
4px 4px #00130A; box-shadow:4px 4px 4px  
4px #00130A }
```

Background

The CSS property to change the background color of an element to Hex 00130A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00130A }
```

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

```
.background{ background-color:#00130A }
```

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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