

Converting Colors

Hex(131012)

Have a look what the booklet for
Hex(131012) contains.

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Color

Hex(131012)

Conversions

Conversions Part 1

Format	Color
Hex	131012
RGB	19, 16, 18
RGB Percent	7%, 6%, 7%
CMY	0.9255, 0.9373, 0.9294
CMYK	0.00, 0.16, 0.05, 0.93
HSL	320°, 9%, 7%
HSV	320°, 16%, 7%
XYZ	0.5630, 0.5527, 0.6493
YIQ	17.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

Format	Color
RYB	19, 16, 18
Decimal	1249298
CIELab	4.99, 1.54, -0.68
CIELCh	5, 1.687, 336.267
Yxy	0.5527, 0.3190, 0.3131
Android (android.graphics.Color)	4279439378 (0xFF131012)
YUV	17.1250, 0.4314, 1.6444
Hunter-Lab	7.4344, 0.5082, 0.0261

Details

The Hex color **131012** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **101311**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **3D3B3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **130E11**, and if you desaturate by 10%, it is **131213**.

Distribution



Red (7%)

Green (6%)

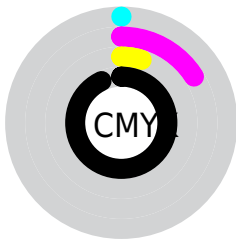
Blue (7%)



Red (7%)

Yellow (6%)

Blue (7%)



Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (93%)



Cyan (93%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131012 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 131012 by changing the saturation by 10% instead.

■ 131012

■ 131012

■ F3F0F2

■ 000000

■ 3D3B3C

■ 545253

■ 6D6A6C

■ 868385

■ A09D9F

■ BBB8BA

■ D7D3D6

■ 131012

■ 131012

■ 130E11

■ 131213

■ 130C11

■ 131413

■ 130A10

■ 131614

■ 13080F

■ 131815

■ 13070F

■ 131915

■ 13050E

■ 131B16

■ 13030E

■ 131D16

■ 13010D

■ 131F17

■ 13000D

■ 132118

Harmonies

Analogous

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



121013



131012



141011

Triad

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



131012



12110E



0D1212

Complementary

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



131012



101311

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.



0D1211



131012



10110E

Square

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



131012



13100E



0E1210



0E1113

Rectangle

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



131012



141010



0E1210



0D1212

Sweetspot

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



131012



1A1819



111013



0D0C0C



8C8C8C



0D0D0D

Same Dimension

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



131012



1A1518



131011



0A090A



4A0031



C90086

Inverse Universe

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



131012



1A1518



101312



0A090A



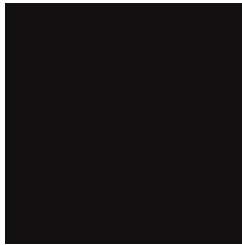
4A0031



C90086

Previews

White Background



This preview shows how the Hex color 131012 looks on a white background.

Color Contrast Check

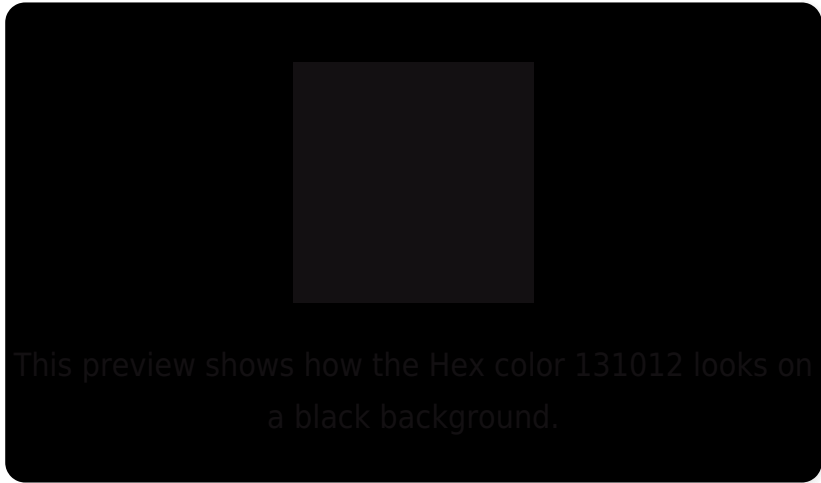
Large Text (above 18pt) WCAG AA ✓ Pass

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

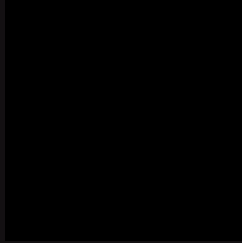
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

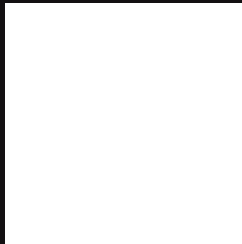
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 131012 Background



This preview shows how black text looks on a background with the Hex color 131012.

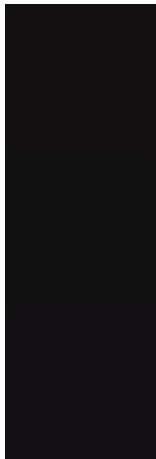


This preview shows how white text looks on a background with the Hex color 131012.

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
131012

Protanopia
111112

Deuteranopia
121012



Tritanopia
131011

Trichromacy



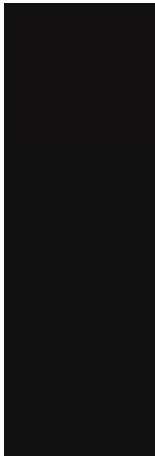
Original Color
131012

Protanomaly
121112

Deuteranomaly
121012

Tritanomaly
131011

Monochromacy



Original Color
131012

Achromatopsia
111111

Achromatomaly
121111

CSS Examples

Text

The CSS property to change the color of the text to Hex 131012 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 #131012 looks like.

```
.text, #text, p{  
    color:#131012  
}
```

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 #131012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131012
}
```

Border

The CSS property to change the border of an element to Hex 131012 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
#131012 }
```

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

```
.border{ border-color:#131012 }
```

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

Here you see how a box with a 4 pixel #131012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131012; -webkit-box-shadow:4px 4px  
4px 4px #131012; box-shadow:4px 4px 4px  
4px #131012 }
```

Background

The CSS property to change the background color of an element to Hex 131012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131012 }
```

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

```
.background{ background-color:#131012 }
```

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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