

Converting Colors

Hex(13080C)

Have a look what the booklet for
Hex(13080C) contains.

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Color

Hex(13080C)

Conversions

Conversions Part 1

Format	Color
Hex	13080C
RGB	19, 8, 12
RGB Percent	7%, 3%, 5%
CMY	0.9255, 0.9686, 0.9529
CMYK	0.00, 0.58, 0.37, 0.93
HSL	338°, 41%, 5%
HSV	338°, 58%, 7%
XYZ	0.4218, 0.3387, 0.3910
YIQ	11.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

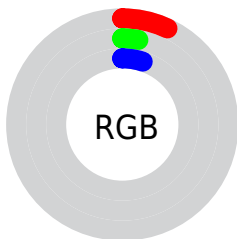
Format	Color
RYB	19, 8, 12
Decimal	1247244
CIELab	3.06, 4.09, -0.32
CIELCh	3, 4.103, 355.557
Yxy	0.3387, 0.3663, 0.2941
Android (android.graphics.Color)	4279437324 (0xFF13080C)
YUV	11.7450, 0.1257, 6.3626
Hunter-Lab	5.8194, 2.7525, 0.0903

Details


The Hex color **13080C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **08130F**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3D3538**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13060B**, and if you desaturate by 10%, it is **130A0D**.

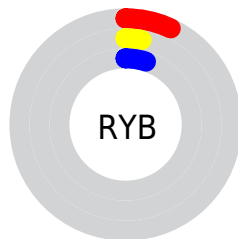
Distribution



 Red (7%)

 Green (3%)

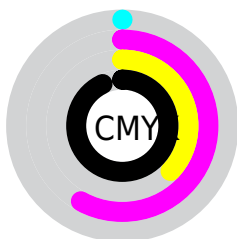
 Blue (5%)




 Red (7%)

 Yellow (3%)

 Blue (5%)

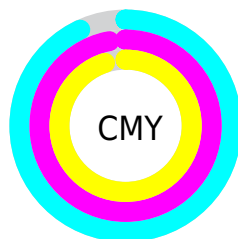



 Cyan (0%)


 Magenta (58%)

 Yellow (37%)

 Black (93%)



 Cyan (93%)

 Magenta (97%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13080C 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 13080C by changing the saturation by 10% instead.

■ 13080C

■ 13080C

■ F3E9EC

■ 000000

■ 3D3538

■ 544C4E

■ 6C6366

■ 867C7F

■ A09699

■ BBB1B4

■ D7CCD0

■ 13080C

■ 13080C

■ 13060B

■ 130A0D

■ 13040A

■ 130C0E

■ 130208

■ 130E10

■ 130007

■ 131011

■ 131112

■ 131313

■ 131514

■ 131716

■ 131917

Harmonies

Analogous

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



100910



13080C



140807

Triad

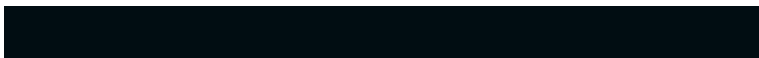
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13080C



0B0C02



010D12

Complementary

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



13080C



08130F

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.



000E0F



13080C



050D05

Square

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



13080C



100B01



010E0A



060C13

Rectangle

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



13080C



130904



010E0A



000D11

Sweetspot

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



13080C



1A1517



0F0813



0D0A0B



8C8C8C



0D0D0D

Same Dimension

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



13080C



1A080E



130908



0A090A



4A001B



C90049

Inverse Universe

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



13080C



1A080E



081213



0A090A



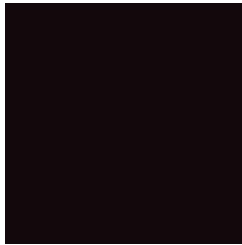
4A001B



C90049

Previews

White Background



This preview shows how the Hex color 13080C looks on a white background.

Color Contrast Check

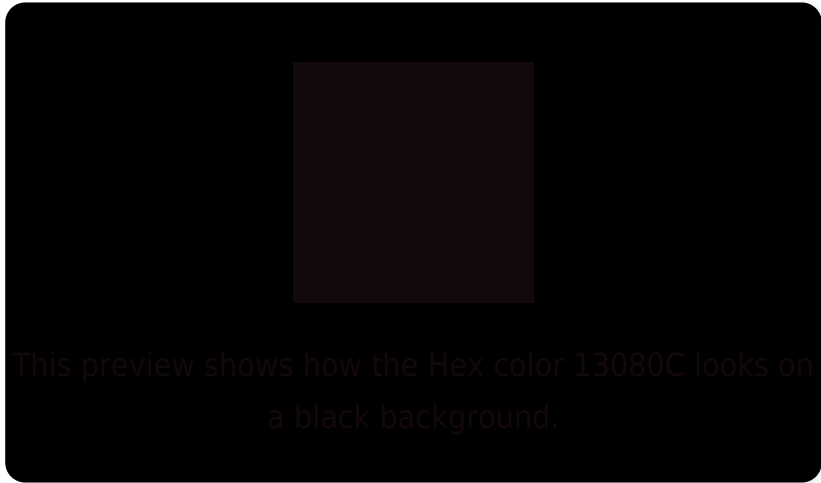
Large Text (above 18pt) WCAG AA ✓ Pass

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

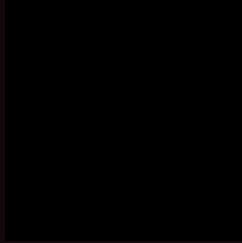
Any Text WCAG AA × Fail

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 13080C Background



This preview shows how black text looks on a background with the Hex color 13080C.

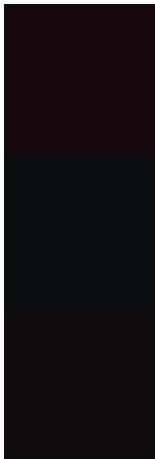


This preview shows how white text looks on a background with the Hex color 13080C.

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
13080C

Protanopia
0B0C0E

Deuteranopia
0D0B0B



Tritanopia
130909

Trichromacy



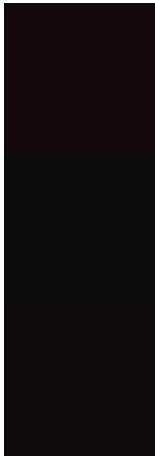
Original Color
13080C

Protanomaly
0E0B0D

Deuteranomaly
0F0A0B

Tritanomaly
13090A

Monochromacy



Original Color
13080C

Achromatopsia
0C0C0C

Achromatomaly
0F0B0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 13080C 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 #13080C looks like.

```
.text, #text, p{  
    color:#13080C  
}
```

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 #13080C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13080C
}
```

Border

The CSS property to change the border of an element to Hex 13080C 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
#13080C }
```

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

```
.border{ border-color:#13080C }
```

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

Here you see how a box with a 4 pixel #13080C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13080C; -webkit-box-shadow:4px 4px  
4px 4px #13080C; box-shadow:4px 4px 4px  
4px #13080C }
```

Background

The CSS property to change the background color of an element to Hex 13080C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13080C }
```

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

```
.background{ background-color:#13080C }
```

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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