

Converting Colors

Hex(13020F)

Have a look what the booklet for
Hex(13020F) contains.

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Color

Hex(13020F)

Conversions

Conversions Part 1

Format	Color
Hex	13020F
RGB	19, 2, 15
RGB Percent	7%, 1%, 6%
CMY	0.9255, 0.9922, 0.9412
CMYK	0.00, 0.89, 0.21, 0.93
HSL	314°, 81%, 4%
HSV	314°, 89%, 7%
XYZ	0.3765, 0.2164, 0.4739
YIQ	8.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

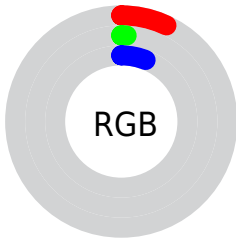
Format	Color
R_{YB}	19, 2, 15
Decimal	1245711
CIE _{Lab}	1.95, 7.00, -3.41
CIE _{LCh}	2, 7.785, 334.035
Yxy	0.2164, 0.3529, 0.2028
Android (android.graphics.Color)	4279435791 (0xFF13020F)
YUV	8.5650, 3.1725, 9.1515
Hunter-Lab	4.6514, 6.3082, -2.7841

Details

The Hex color **13020F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021306**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3D313A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13000F**, and if you desaturate by 10%, it is **13040F**.

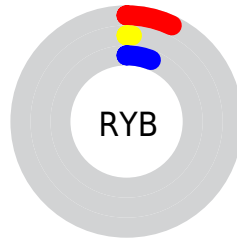
Distribution



Red (7%)

Green (1%)

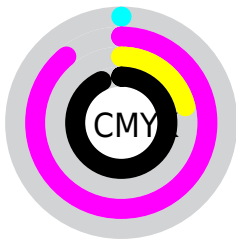
Blue (6%)



Red (7%)

Yellow (1%)

Blue (6%)

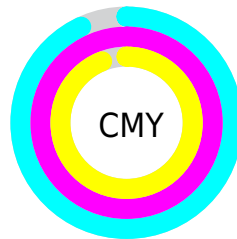


Cyan (0%)

Magenta (89%)

Yellow (21%)

Black (93%)



Cyan (93%)

Magenta (99%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13020F 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 13020F by changing the saturation by 10% instead.

■ 13020F

■ 13020F

■ F3E4EF

■ 000000

■ 3D313A

■ 544851

■ 6C5F69

■ 867882

■ A0929C

■ BBACB7

■ D6C8D2

■ 13020F

■ 13020F

■ 13000F

■ 13040F

■ 130610

■ 130810

■ 130A11

■ 130C11

■ 130D12

■ 130F12

■ 131113

■ 131313

Harmonies

Analogous

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



0B0414



13020F



170106

Triad

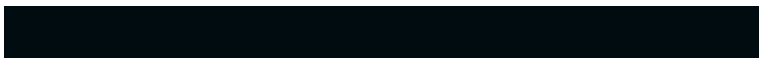
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13020F



0A0700



000C10

Complementary

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



13020F



021306

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.



000D08



13020F



000A00

Square

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



13020F



120400



000C00



000A15

Rectangle

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



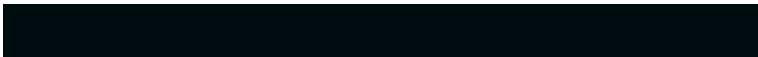
13020F



180100



000C00



000D0E

Sweetspot

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



13020F



1A1318



060213



0D090C



8C8C8C



0D0D0D

Same Dimension

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



13020F



1A0014



130207



0A090A



4A0039



C9009A

Inverse Universe

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



13020F



1A0014



02130E



0A090A



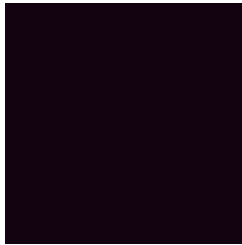
4A0039



C9009A

Previews

White Background



This preview shows how the Hex color 13020F looks on a white background.

Color Contrast Check

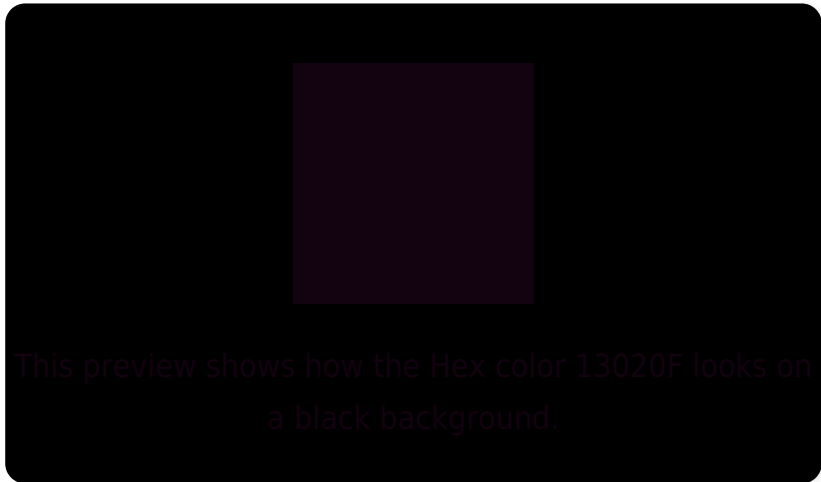
Large Text (above 18pt) WCAG AA ✓ Pass

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

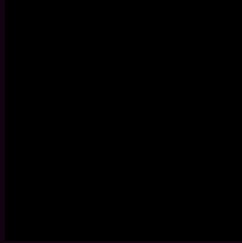
Any Text WCAG AA × Fail

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 13020F Background



This preview shows how black text looks on a background with the Hex color 13020F.



This preview shows how white text looks on a background with the Hex color 13020F.

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
13020F

Protanopia
030A15

Deuteranopia
090A0E



Tritanopia
120606

Trichromacy



Original Color
13020F

Protanomaly
090713

Deuteranomaly
0D070E

Tritanomaly
120509

Monochromacy



Original Color
13020F

Achromatopsia
090909

Achromatomaly
0D060B

CSS Examples

Text

The CSS property to change the color of the text to Hex 13020F 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 #13020F looks like.

```
.text, #text, p{  
    color:#13020F  
}
```

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 #13020F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13020F
}
```

Border

The CSS property to change the border of an element to Hex 13020F is called "border". The border property can be set on classes, ids or directly on the HTML element.

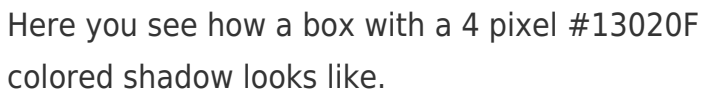
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13020F }
```

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

```
.border{ border-color:#13020F }
```

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



Here you see how a box with a 4 pixel #13020F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13020F; -webkit-box-shadow:4px 4px  
4px 4px #13020F; box-shadow:4px 4px 4px  
4px #13020F }
```

Background

The CSS property to change the background color of an element to Hex 13020F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13020F }
```

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

```
.background{ background-color:#13020F }
```

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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