

# Converting Colors

Hex(112F0F)

Have a look what the booklet for  
Hex(112F0F) contains.

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# Color

**Hex(112F0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	112F0F
RGB	17, 47, 15
RGB Percent	7%, 18%, 6%
CMY	0.9333, 0.8157, 0.9412
CMYK	0.64, 0.00, 0.68, 0.82
HSL	116°, 52%, 12%
HSV	116°, 68%, 18%
XYZ	1.3339, 2.1867, 0.8037
YIQ	34.3820, -7.6080, -16.3120

# Conversions

## Conversions Part 2

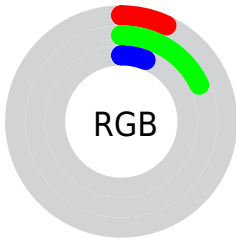
Format	Color
<a href="#">RYB</a>	<a href="#">15, 47, 45</a>
Decimal	<a href="#">1126159</a>
CIELab	<a href="#">16.44, -19.21, 16.85</a>
CIELCh	<a href="#">16, 25.553, 138.758</a>
Yxy	<a href="#">2.1867, 0.3085, 0.5057</a>
Android (android.graphics.Color)	<a href="#">4279316239 (0xFF112F0F)</a>
YUV	<a href="#">34.3820, -9.5553, -15.2440</a>
Hunter-Lab	<a href="#">14.7875, -9.7764, 7.1288</a>

# Details

The Hex color **112F0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D0F2F**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3F5D3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2F0A**, and if you desaturate by 10%, it is **152F14**.

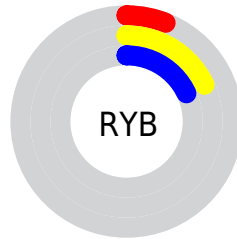
# Distribution



Red (7%)

Green (18%)

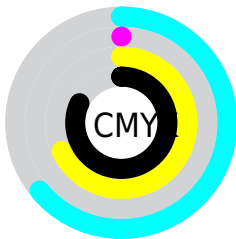
Blue (6%)



Red (6%)

Yellow (18%)

Blue (18%)

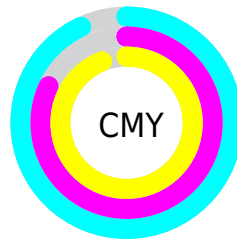


Cyan (64%)

Magenta (0%)

Yellow (68%)

Black (82%)



Cyan (93%)

Magenta (82%)


Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 112F0F 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 112F0F by changing the saturation by 10% instead.



 112F0F

 112F0F

 F8FFF0

 001C00

 3F5D3A

 000000

 567651


 6F9069

 89AB83

 A4C69D

 BFE2B8

 DBFFD3

 112F0F

 112F0F

■ 0D2F0A

■ 152F14

■ 082F06

■ 1A2F18

■ 042F01

■ 1E2F1D

■ 032F00

■ 232F22

■ 272F27

■ 2B2F2B

■ 302F30

■ 342F35

■ 392F39

# Harmonies

## Analogous

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



282B00



112F0F



003121

# Triad

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



112F0F



002D4C



4A181E

# Complementary

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



112F0F



2D0F2F

# 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.



461830



112F0F



1C274B

# Square

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



112F0F



003044



381F41



441E0D

# Rectangle

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



112F0F



00312E



381F41



4A1724



# Sweetspot

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



112F0F



323D31



2F2D0F



181F17



9E9E9E



1F1F1F



# Same Dimension

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



112F0F



0E3D0B



0F2F1D



151715



055700



0DD600



# Inverse Universe

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



2D0F2F



3A0B3D



2F0F21



171517



510057

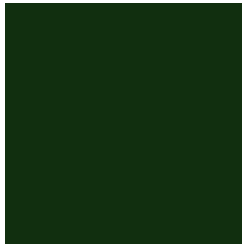


C900D6



# Previews

## White Background



This preview shows how the Hex color 112F0F looks on a white background.

## Color Contrast Check

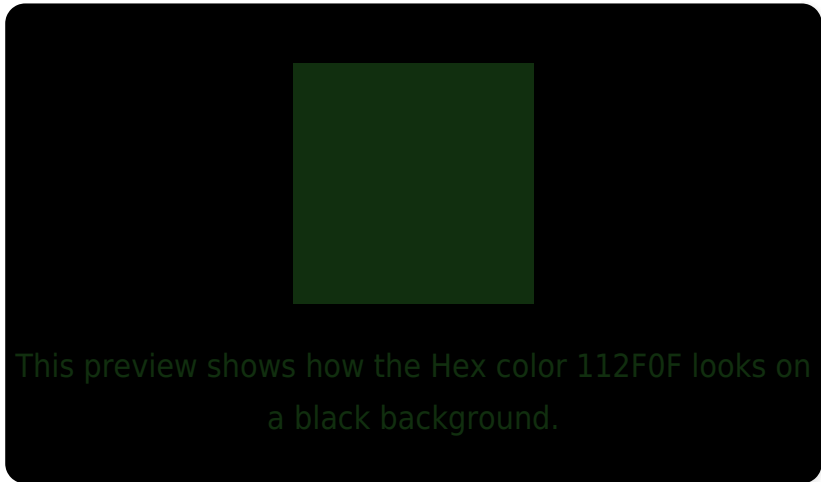
Large Text (above 18pt) WCAG AA ✓ Pass

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

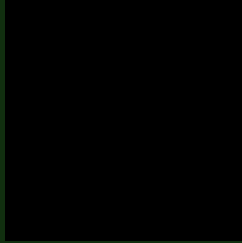
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 112F0F Background



This preview shows how black text looks on a background with the Hex color 112F0F.



This preview shows how white text looks on a background with the Hex color 112F0F.

# 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**  
112F0F

**Protanopia**  
2E290D

**Deuteranopia**  
332712



**Tritanopia**  
192C2F

# Trichromacy



**Original Color**

112F0F

**Protanomaly**

232B0E

**Deuteranomaly**

272A11

**Tritanomaly**

162D23

# Monochromacy



**Original Color**

112F0F

**Achromatopsia**

222222

**Achromatomaly**

1C271B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 112F0F 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 #112F0F looks like.

```
.text, #text, p{  
    color:#112F0F  
}
```

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 #112F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112F0F
}
```

## Border

The CSS property to change the border of an element to Hex 112F0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

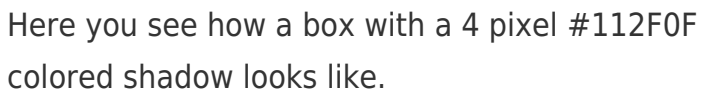
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#112F0F }
```

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

```
.border{ border-color:#112F0F }
```

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



Here you see how a box with a 4 pixel #112F0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112F0F; -webkit-box-shadow:4px 4px  
4px 4px #112F0F; box-shadow:4px 4px 4px  
4px #112F0F }
```

# Background

The CSS property to change the background color of an element to Hex 112F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112F0F }
```

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

```
.background{ background-color:#112F0F }
```

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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