

Converting Colors

Hex(111F10)

Have a look what the booklet for
Hex(111F10) contains.

Hex(111F10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(111F10)

Conversions

Conversions Part 1

Format	Color
Hex	111F10
RGB	17, 31, 16
RGB Percent	7%, 12%, 6%
CMY	0.9333, 0.8784, 0.9373
CMYK	0.45, 0.00, 0.48, 0.88
HSL	116°, 32%, 9%
HSV	116°, 48%, 12%
XYZ	0.8147, 1.1366, 0.6667
YIQ	25.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

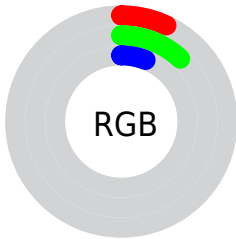
Format	Color
RYB	16, 31, 30
Decimal	1122064
CIELab	10.08, -10.08, 7.85
CIElCh	10, 12.773, 142.104
Yxy	1.1366, 0.3112, 0.4341
Android (android.graphics.Color)	4279312144 (0xFF111F10)
YUV	25.1040, -4.4883, -7.1072
Hunter-Lab	10.6609, -5.0161, 3.7551

Details

The Hex color **111F10** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1E101F**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3B4B3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1F0D**, and if you desaturate by 10%, it is **141F13**.

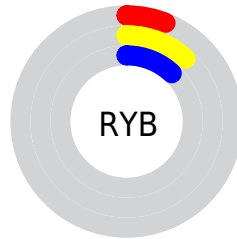
Distribution



Red (7%)

Green (12%)

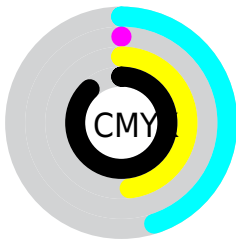
Blue (6%)



Red (6%)

Yellow (12%)

Blue (12%)

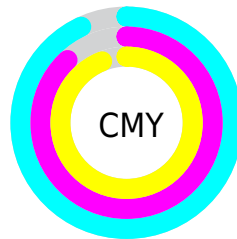


Cyan (45%)

Magenta (0%)

Yellow (48%)

Black (88%)



Cyan (93%)


Magenta (88%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111F10 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 111F10 by changing the saturation by 10% instead.

 111F10

 111F10

 F1FFF0

 000100

 3B4B3A

 000000

 526351


 6B7C6A

 849683

 9EB09D

 B9CCB8

 D5E8D3

 111F10

 111F10

■ 0E1F0D

■ 141F13

■ 0B1F0A

■ 171F16

■ 081F07

■ 1A1F19

■ 051F04

■ 1D1F1C

■ 031F00

■ 1F1F1F

■ 021F00

■ 221F23

■ 251F26

■ 281F29

■ 2B1F2C

Harmonies

Analogous

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



1C1D08



111F10



052019

Triad

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



111F10



0A1D2D



2C1516

Complementary

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



111F10



1E101F

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.



2B151E



111F10



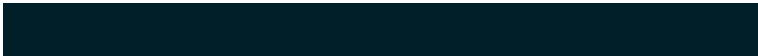
191A2C

Square

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



111F10



001F29



241726



2A170C

Rectangle

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



111F10



00201F



241726



2C1518

Sweetspot

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



111F10



232923



1F1E10



111411



949494



141414

Same Dimension

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



111F10



132911



101F17



0E0F0E



054F00



0ECF00

Inverse Universe

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



1E101F



271129



1F1018



0F0E0F



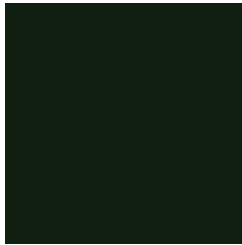
4A004F



C100CF

Previews

White Background



This preview shows how the Hex color 111F10 looks on a white background.

Color Contrast Check

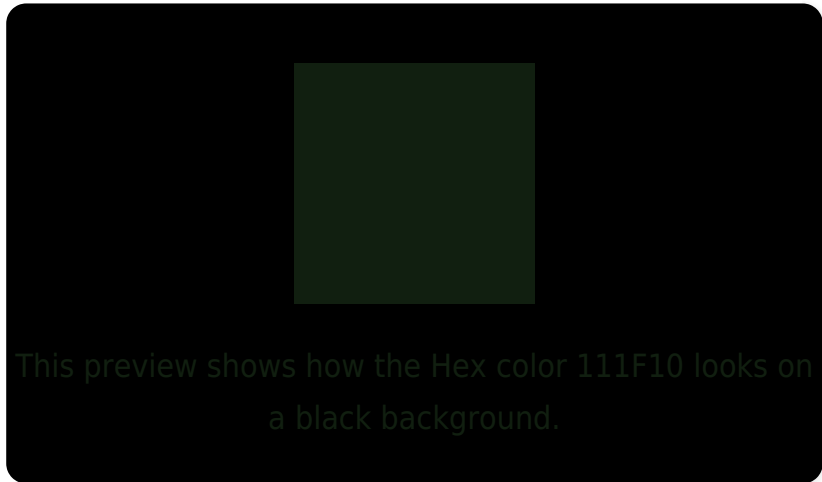
Large Text (above 18pt) WCAG AA ✓ Pass

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

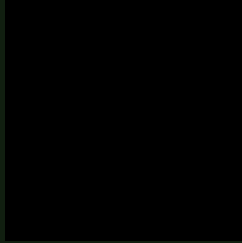
Any Text WCAG AA × Fail

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 111F10 Background



This preview shows how black text looks on a background with the Hex color 111F10.

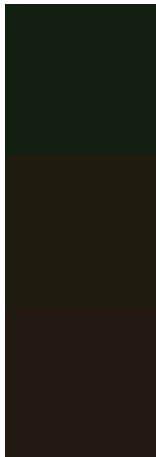


This preview shows how white text looks on a background with the Hex color 111F10.

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
111F10

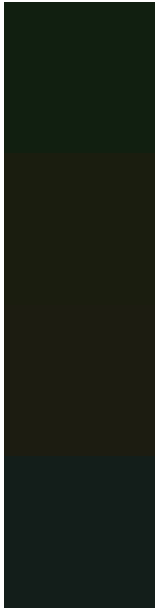
Protanopia
1F1C0F

Deuteranopia
221A11



Tritanopia
141D20

Trichromacy



Original Color

111F10

Protanomaly

1A1D0F

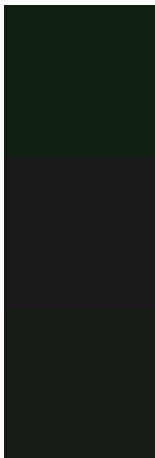
Deuteranomaly

1C1C11

Tritanomaly

131E1A

Monochromacy



Original Color

111F10

Achromatopsia

191919

Achromatomaly

161B16

CSS Examples

Text

The CSS property to change the color of the text to Hex 111F10 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 #111F10 looks like.

```
.text, #text, p{  
    color:#111F10  
}
```

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 #111F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111F10
}
```

Border

The CSS property to change the border of an element to Hex 111F10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

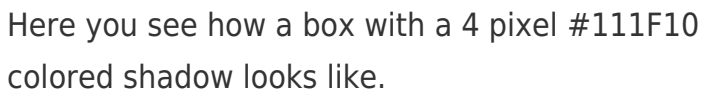
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#111F10 }
```

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

```
.border{ border-color:#111F10 }
```

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



Here you see how a box with a 4 pixel #111F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111F10; -webkit-box-shadow:4px 4px  
4px 4px #111F10; box-shadow:4px 4px 4px  
4px #111F10 }
```

Background

The CSS property to change the background color of an element to Hex 111F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111F10 }
```

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

```
.background{ background-color:#111F10 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor