

# Converting Colors

Hex(142A0F)

Have a look what the booklet for  
Hex(142A0F) contains.

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# Color

**Hex(142A0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	142A0F
RGB	20, 42, 15
RGB Percent	8%, 16%, 6%
CMY	0.9216, 0.8353, 0.9412
CMYK	0.52, 0.00, 0.64, 0.84
HSL	109°, 47%, 11%
HSV	109°, 64%, 16%
XYZ	1.2027, 1.8391, 0.7435
YIQ	32.3440, -4.4450, -13.0610

# Conversions

## Conversions Part 2

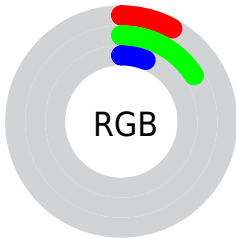
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 42, 37
Decimal	1321487
CIE <sub>Lab</sub>	14.62, -15.47, 14.57
CIE <sub>LCh</sub>	15, 21.249, 136.710
Yxy	1.8391, 0.3177, 0.4859
Android (android.graphics.Color)	4279511567 (0xFF142A0F)
YUV	32.3440, -8.5506, -10.8257
Hunter-Lab	13.5615, -7.9026, 6.2423

# Details

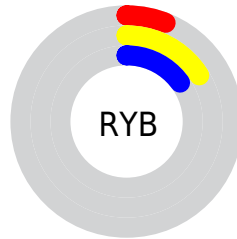
The Hex color **142A0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **250F2A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **40583A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112A0B**, and if you desaturate by 10%, it is **172A13**.

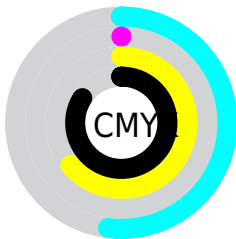
# Distribution



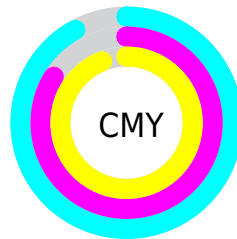
- Red (8%)
- Green (16%)
- Blue (6%)



- Red (6%)
- Yellow (16%)
- Blue (15%)



- Cyan (52%)
- Magenta (0%)
- Yellow (64%)
- Black (84%)



- Cyan (92%)
- Magenta (84%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142A0F 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 142A0F by changing the saturation by 10% instead.



 142A0F

 142A0F

 F9FFEF

 001700

 40583A

 000000

 587051

 718A69

 8AA482

 A5BF9C

 C0DBB7

 DCF7D3

 142A0F

 142A0F

■ 112A0B

■ 172A13

■ 0D2A07

■ 1B2A17

■ 0A2A02

■ 1E2A1C

■ 082A00

■ 222A20

■ 252A24

■ 292A28

■ 2C2A2C

■ 2F2A31

■ 332A35

# Harmonies

## Analogous

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



262702



142A0F



002C1E

# Triad

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



142A0F



002842



40181D

# Complementary

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



142A0F



250F2A

# 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.



3D182C



142A0F



1A2441

# Square

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



142A0F



002B3A



301D39



3C1C0F

# Rectangle

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



142A0F



002C28



301D39



401722



# Sweetspot

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



142A0F



2D362B



2A250F



171C16



9C9C9C



1C1C1C



# Same Dimension

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



142A0F



14360C



0F2A17



131412



105400



27D400



# Inverse Universe

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



250F2A



2E0C36



2A0F22



141214



450054

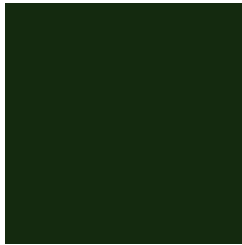


AC00D4



# Previews

## White Background



This preview shows how the Hex color 142A0F looks on a white background.

## Color Contrast Check

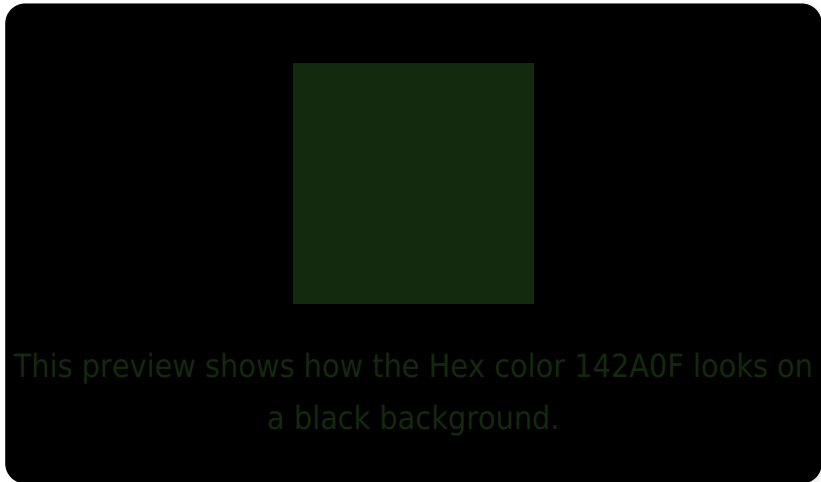
Large Text (above 18pt) WCAG AA ✓ Pass

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

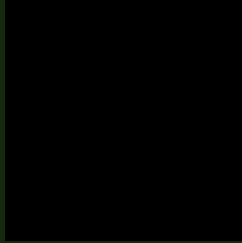
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 142A0F Background



This preview shows how black text looks on a background with the Hex color 142A0F.



This preview shows how white text looks on a background with the Hex color 142A0F.

# 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**  
142A0F

**Protanopia**  
29250E

**Deuteranopia**  
2E2311



**Tritanopia**  
19272A

# Trichromacy



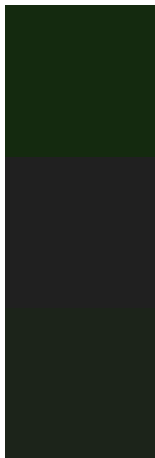
**Original Color**  
142A0F

**Protanomaly**  
21270E

**Deuteranomaly**  
252610

**Tritanomaly**  
172820

# Monochromacy



**Original Color**  
142A0F

**Achromatopsia**  
202020

**Achromatomaly**  
1C241A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142A0F 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 #142A0F looks like.

```
.text, #text, p{  
    color:#142A0F  
}
```

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 #142A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142A0F
}
```

## Border

The CSS property to change the border of an element to Hex 142A0F 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".

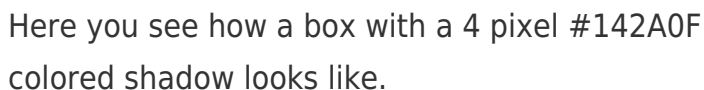
```
.border, #border, table{ border:4px solid
#142A0F }
```

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

```
.border{ border-color:#142A0F }
```

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

Here you see how a box with a 4 pixel #142A0F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142A0F; -webkit-box-shadow:4px 4px  
4px 4px #142A0F; box-shadow:4px 4px 4px  
4px #142A0F }
```

# Background

The CSS property to change the background color of an element to Hex 142A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142A0F }
```

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

```
.background{ background-color:#142A0F }
```

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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