

# Converting Colors

Hex(142F14)

Have a look what the booklet for  
Hex(142F14) contains.

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# Color

**Hex(142F14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	142F14
RGB	20, 47, 20
RGB Percent	8%, 18%, 8%
CMY	0.9216, 0.8157, 0.9216
CMYK	0.57, 0.00, 0.57, 0.82
HSL	120°, 40%, 13%
HSV	120°, 57%, 18%
XYZ	1.4313, 2.2323, 1.0173
YIQ	35.8490, -7.4250, -14.1210

# Conversions

## Conversions Part 2

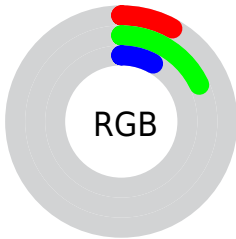
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 47, 47
Decimal	1322772
CIE <sub>Lab</sub>	16.66, -17.31, 14.19
CIE <sub>LCh</sub>	17, 22.385, 140.660
Yxy	2.2323, 0.3058, 0.4769
Android (android.graphics.Color)	4279512852 (0xFF142F14)
YUV	35.8490, -7.8136, -13.8996
Hunter-Lab	14.9407, -9.0466, 6.4217

# Details

The Hex color **142F14** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F142F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **415D3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F2F0F**, and if you desaturate by 10%, it is **192F19**.

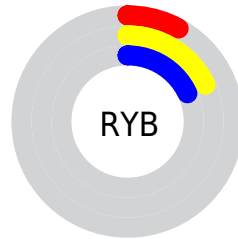
# Distribution



Red (8%)

Green (18%)

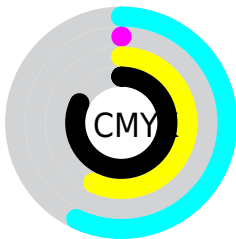
Blue (8%)



Red (8%)

Yellow (18%)

Blue (18%)

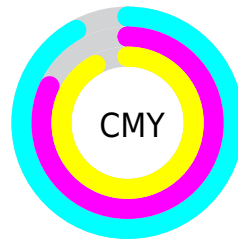


Cyan (57%)

Magenta (0%)

Yellow (57%)

Black (82%)



Cyan (92%)

Magenta (82%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142F14 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 142F14 by changing the saturation by 10% instead.



 142F14

 142F14

 FAFFF6

 001B00

 415D3F

 000000

 597656

 72906F

 8BAA88

 A6C6A2

 C1E2BE

 DDFED9

 142F14

 142F14

■ 0F2F0F

■ 192F19

■ 0B2F0B

■ 1D2F1D

■ 062F06

■ 222F22

■ 012F01

■ 272F27

■ 002F00

■ 2C2F2C

■ 302F30

■ 352F35

■ 3A2F3A

■ 3E2F3E

# Harmonies

## Analogous

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



282C07



142F14



003123

# Triad

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



142F14



002C49



471C1F

# Complementary

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



142F14



2F142F

# 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.



441B2F



142F14



212747

# Square

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



142F14



003042



38203E



412011

# Rectangle

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



142F14



00312F



38203E



471B24



# Sweetspot

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



142F14



333D33



2F2F14



181F18



9E9E9E



1F1F1F



# Same Dimension

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



142F14



133D13



142F22



151715



005700



00D600



# Inverse Universe

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



2F142F



3D133D



2F1422



171517



570057

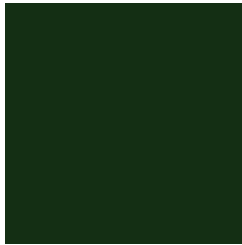


D600D6



# Previews

## White Background



This preview shows how the Hex color 142F14 looks on a white background.

## Color Contrast Check

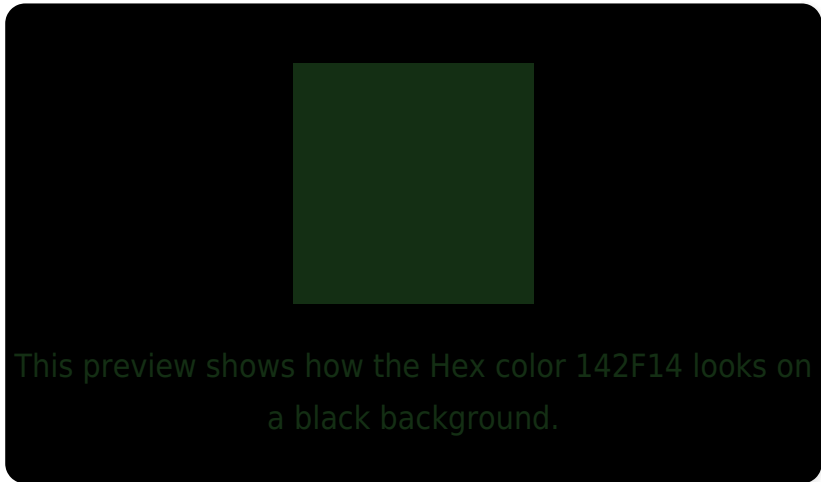
Large Text (above 18pt) WCAG AA ✓ Pass

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

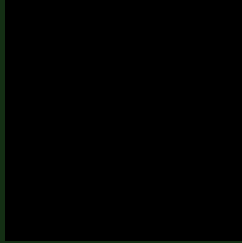
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 142F14 Background



This preview shows how black text looks on a background with the Hex color 142F14.



This preview shows how white text looks on a background with the Hex color 142F14.

# 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



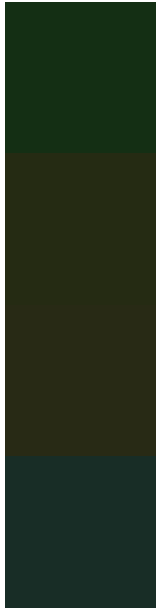
**Original Color**  
142F14

**Protanopia**  
2E2912

**Deuteranopia**  
332716



# Trichromacy



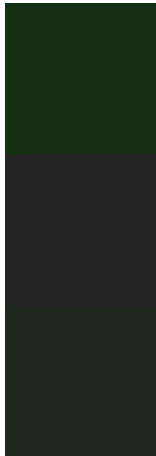
**Original Color**  
142F14

**Protanomaly**  
252B13

**Deuteranomaly**  
282A15

**Tritanomaly**  
182D26

# Monochromacy



**Original Color**  
142F14

**Achromatopsia**  
242424

**Achromatomaly**  
1E281E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142F14 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 #142F14 looks like.

```
.text, #text, p{  
    color:#142F14  
}
```

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 #142F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142F14
}
```

## Border

The CSS property to change the border of an element to Hex 142F14 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
#142F14 }
```

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

```
.border{ border-color:#142F14 }
```

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

Here you see how a box with a 4 pixel #142F14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142F14; -webkit-box-shadow:4px 4px  
4px 4px #142F14; box-shadow:4px 4px 4px  
4px #142F14 }
```

# Background

The CSS property to change the background color of an element to Hex 142F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142F14 }
```

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

```
.background{ background-color:#142F14 }
```

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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