

Converting Colors

Hex(122014)

Have a look what the booklet for
Hex(122014) contains.

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Color

Hex(122014)

Conversions

Conversions Part 1

Format	Color
Hex	122014
RGB	18, 32, 20
RGB Percent	7%, 13%, 8%
CMY	0.9294, 0.8745, 0.9216
CMYK	0.44, 0.00, 0.38, 0.87
HSL	129°, 28%, 10%
HSV	129°, 44%, 13%
XYZ	0.8922, 1.2121, 0.8488
YIQ	26.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

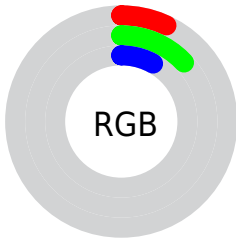
Format	Color
RYB	18, 30, 32
Decimal	1187860
CIELab	10.65, -9.38, 6.22
CIELCh	11, 11.253, 146.470
Yxy	1.2121, 0.3021, 0.4105
Android (android.graphics.Color)	4279377940 (0xFF122014)
YUV	26.4460, -3.1779, -7.4071
Hunter-Lab	11.0097, -4.8011, 3.1360

Details

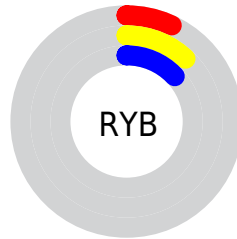
The Hex color **122014** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20121E**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **3C4C3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F2011**, and if you desaturate by 10%, it is **152017**.

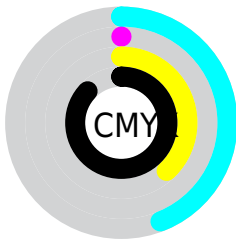
Distribution



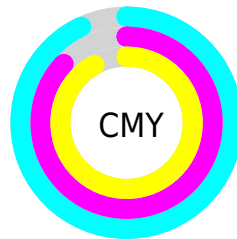
- Red (7%)
- Green (13%)
- Blue (8%)



- Red (7%)
- Yellow (12%)
- Blue (13%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (87%)



- Cyan (93%)
- Magenta (87%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122014 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 122014 by changing the saturation by 10% instead.

■ 122014

■ 122014

■ F3FFF4

■ 000400

■ 3C4C3E

■ 000000

■ 546455

■ 6C7D6E

■ 859787

■ A0B2A1

■ BBCDBC

■ D6E9D8

■ 122014

■ 122014

■ 0F2011

■ 152017

■ 0C200F

■ 182019

■ 08200C

■ 1C201C

■ 052009

■ 1F201F

■ 022006

■ 222022

■ 002005

■ 252024

■ 282027

■ 2C202A

■ 2F202D

Harmonies

Analogous

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



1B1E0E



122014



08211C

Triad

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



122014



101E2C



2C1716

Complementary

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



122014



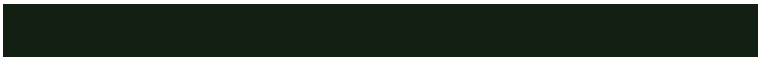
20121E

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.



2B171E



122014



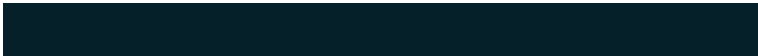
1C1B2A

Square

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



122014



052029



261825



29190F

Rectangle

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



122014



042121



261825



2C1719

Sweetspot

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



122014



232924



1E2012



111412



949494



141414

Same Dimension

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



122014



132916



12201B



0E0F0E



004F0B



00CF1E

Inverse Universe

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



20121E



291326



201217



0F0E0F



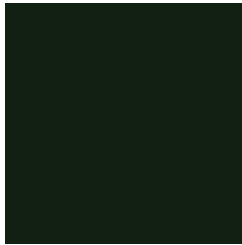
4F0044



CF00B1

Previews

White Background



This preview shows how the Hex color 122014 looks on a white background.

Color Contrast Check

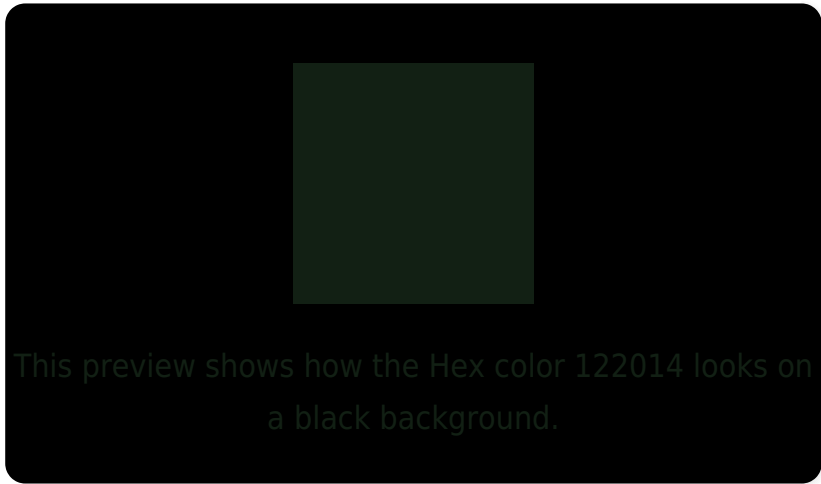
Large Text (above 18pt) WCAG AA ✓ Pass

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

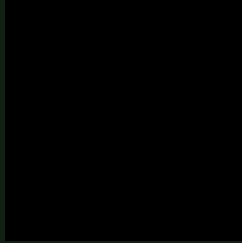
Any Text WCAG AA × Fail

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 122014 Background



This preview shows how black text looks on a background with the Hex color 122014.



This preview shows how white text looks on a background with the Hex color 122014.

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
122014

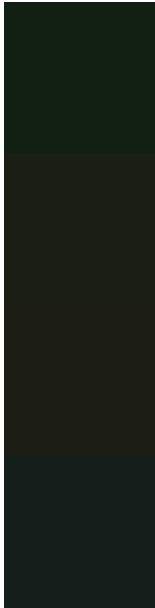
Protanopia
1F1D13

Deuteranopia
221C15



Tritanopia
151E21

Trichromacy



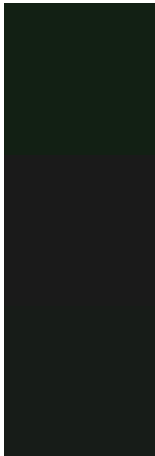
Original Color
122014

Protanomaly
1A1E13

Deuteranomaly
1C1D15

Tritanomaly
141F1C

Monochromacy



Original Color
122014

Achromatopsia
1A1A1A

Achromatomaly
171C18

CSS Examples

Text

The CSS property to change the color of the text to Hex 122014 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 #122014 looks like.

```
.text, #text, p{  
    color:#122014  
}
```

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 #122014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122014
}
```

Border

The CSS property to change the border of an element to Hex 122014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

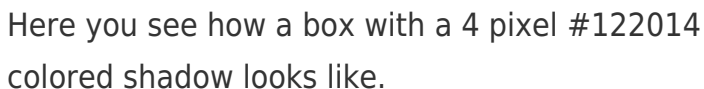
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#122014 }
```

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

```
.border{ border-color:#122014 }
```

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



Here you see how a box with a 4 pixel #122014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122014; -webkit-box-shadow:4px 4px  
4px 4px #122014; box-shadow:4px 4px 4px  
4px #122014 }
```

Background

The CSS property to change the background color of an element to Hex 122014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122014 }
```

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

```
.background{ background-color:#122014 }
```

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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