

Converting Colors

Hex(122018)

Have a look what the booklet for
Hex(122018) contains.

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Color

Hex(122018)

Conversions

Conversions Part 1

Format	Color
Hex	122018
RGB	18, 32, 24
RGB Percent	7%, 13%, 9%
CMY	0.9294, 0.8745, 0.9059
CMYK	0.44, 0.00, 0.25, 0.87
HSL	146°, 28%, 10%
HSV	146°, 44%, 13%
XYZ	0.9308, 1.2276, 1.0520
YIQ	26.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

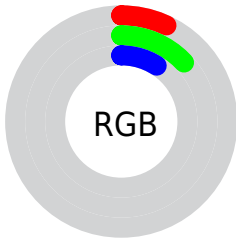
Format	Color
RYB	18, 28, 32
Decimal	1187864
CIELab	10.76, -8.37, 3.54
CIELCh	11, 9.084, 157.073
Yxy	1.2276, 0.2899, 0.3824
Android (android.graphics.Color)	4279377944 (0xFF122018)
YUV	26.9020, -1.4307, -7.8071
Hunter-Lab	11.0796, -4.3928, 2.1259

Details

The Hex color **122018** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20121A**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **3C4C43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F2016**, and if you desaturate by 10%, it is **15201A**.

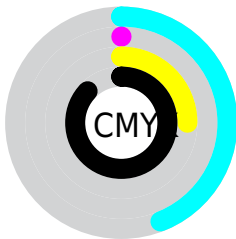
Distribution



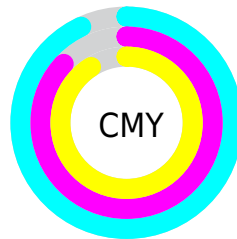
- Red (7%)
- Green (13%)
- Blue (9%)



- Red (7%)
- Yellow (11%)
- Blue (13%)



- Cyan (44%)
- Magenta (0%)
- Yellow (25%)
- Black (87%)



- Cyan (93%)
- Magenta (87%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122018 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 122018 by changing the saturation by 10% instead.

■ 122018

■ 122018

■ F3FFFA

■ 000500

■ 3C4C43

■ 000000

■ 54645A

■ 6C7D73

■ 85978C

■ A0B1A6

■ BBCDC2

■ D6E9DD

■ 122018

■ 122018

■ 0F2016

■ 15201A

■ 0C2014

■ 18201C

■ 082013

■ 1C201D

■ 052011

■ 1F201F

■ 02200F

■ 222021

■ 00200E

■ 252023

■ 282025

■ 2C2027

■ 2F2028

Harmonies

Analogous

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



191F13



122018



0C201E

Triad

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



122018



171D29



291916

Complementary

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



122018



20121A

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.



29181C



122018



201B27

Square

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



122018



0E1F28



261922



261B11

Rectangle

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



122018



0A2022



261922



291918

Sweetspot

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



122018



232926



1A2012



111413



949494



141414

Same Dimension

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



122018



13291C



12201F



0E0F0E



004F22



00CF59

Inverse Universe

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



20121A



291320



201213



0F0E0F



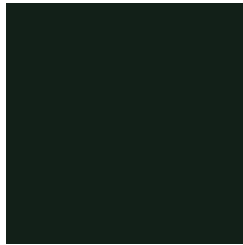
4F002D



CF0076

Previews

White Background



This preview shows how the Hex color 122018 looks on a white background.

Color Contrast Check

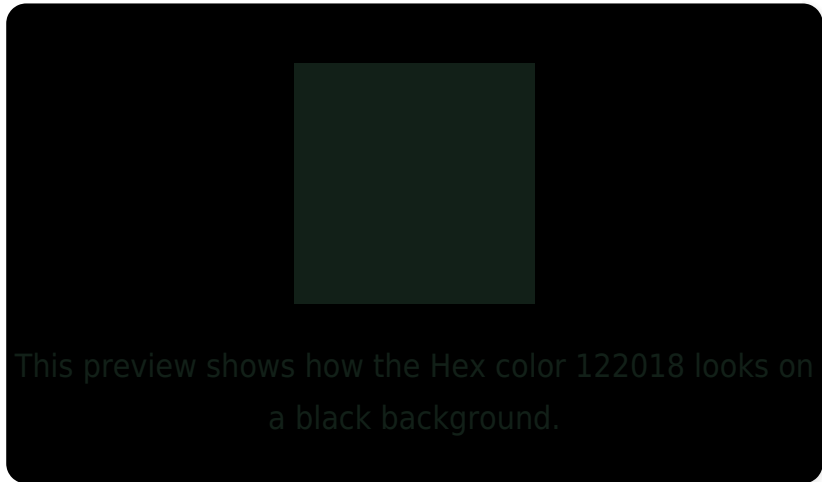
Large Text (above 18pt) WCAG AA ✓ Pass

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

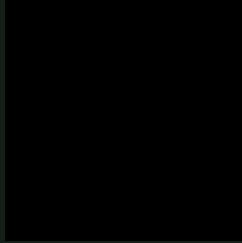
Any Text WCAG AA × Fail

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 122018 Background



This preview shows how black text looks on a background with the Hex color 122018.



This preview shows how white text looks on a background with the Hex color 122018.

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
122018

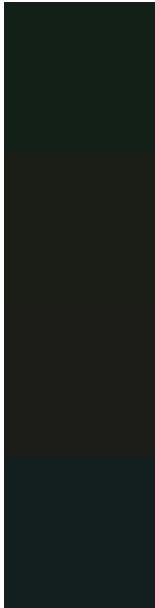
Protanopia
1F1D17

Deuteranopia
211C19



Tritanopia
141F21

Trichromacy



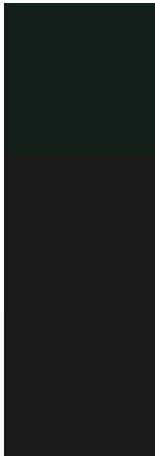
Original Color
122018

Protanomaly
1A1E17

Deuteranomaly
1C1D19

Tritanomaly
131F1E

Monochromacy



Original Color
122018

Achromatopsia
1B1B1B

Achromatomaly
181D1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 122018 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 #122018 looks like.

```
.text, #text, p{  
    color:#122018  
}
```

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 #122018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122018
}
```

Border

The CSS property to change the border of an element to Hex 122018 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
#122018 }
```

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

```
.border{ border-color:#122018 }
```

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

Here you see how a box with a 4 pixel #122018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122018; -webkit-box-shadow:4px 4px  
4px 4px #122018; box-shadow:4px 4px 4px  
4px #122018 }
```

Background

The CSS property to change the background color of an element to Hex 122018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122018 }
```

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

```
.background{ background-color:#122018 }
```

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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