

Converting Colors

Hex(112016)

Have a look what the booklet for
Hex(112016) contains.

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Color

Hex(112016)

Conversions

Conversions Part 1

Format	Color
Hex	112016
RGB	17, 32, 22
RGB Percent	7%, 13%, 9%
CMY	0.9333, 0.8745, 0.9137
CMYK	0.47, 0.00, 0.31, 0.87
HSL	140°, 31%, 10%
HSV	140°, 47%, 13%
XYZ	0.8925, 1.2101, 0.9456
YIQ	26.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

Format	Color
RYB	17, 28, 32
Decimal	1122326
CIELab	10.63, -9.31, 4.81
CIElCh	11, 10.474, 152.691
Yxy	1.2101, 0.2928, 0.3970
Android (android.graphics.Color)	4279312406 (0xFF112016)
YUV	26.3750, -2.1569, -8.2219
Hunter-Lab	11.0006, -4.7689, 2.6039

Details

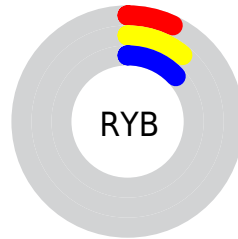
The Hex color **112016** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20111B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **3B4C40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E2014**, and if you desaturate by 10%, it is **142018**.

Distribution



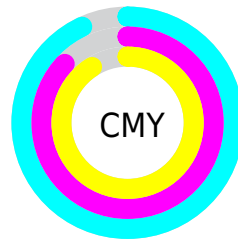
- Red (7%)
- Green (13%)
- Blue (9%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (31%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 112016 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 112016 by changing the saturation by 10% instead.

■ 112016

■ 112016

■ F2FFF7

■ 000400

■ 3B4C40

■ 000000

■ 536458

■ 6B7D70

■ 849789

■ 9EB2A4

■ B9CDBF

■ D5E9DB

■ 112016

■ 112016

■ 0E2014

■ 142018

■ 0B2012

■ 17201A

■ 072010

■ 1B201C

■ 04200D

■ 1E201F

■ 01200B

■ 212021

■ 00200B

■ 242023

■ 272025

■ 2B2027

■ 2E2029

Harmonies

Analogous

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



1A1F10



112016



09211D

Triad

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



112016



141D2B



2A1815

Complementary

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



112016



20111B

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.



2A171C



112016



1E1B29

Square

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



112016



091F29



261823



271A0F

Rectangle

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



112016



052122



261823



2B1818

Sweetspot

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



112016



232925



1B2011



111412



949494



141414

Same Dimension

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



112016



12291A



11201D



0E0F0E



004F1A



00CF45

Inverse Universe

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



20111B



291221



201114



0F0E0F



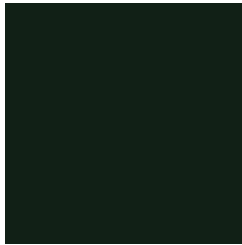
4F0035



CF008A

Previews

White Background



This preview shows how the Hex color 112016 looks on a white background.

Color Contrast Check

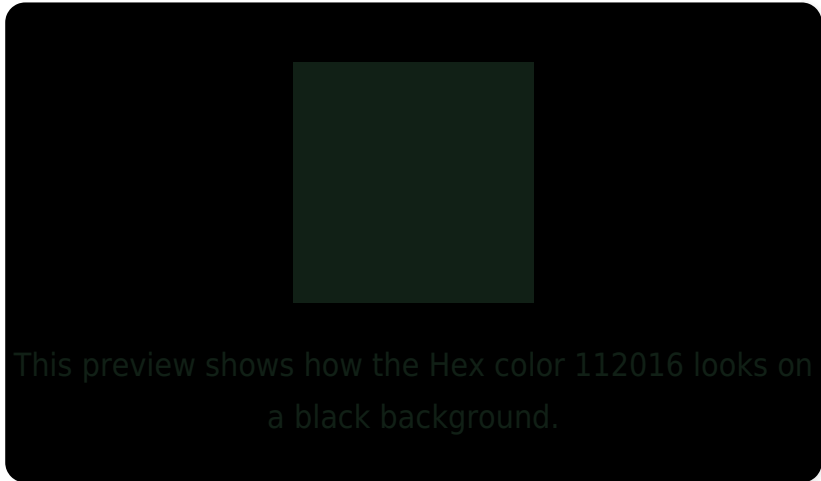
Large Text (above 18pt) WCAG AA ✓ Pass

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

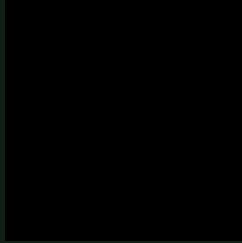
Any Text WCAG AA × Fail

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 112016 Background



This preview shows how black text looks on a background with the Hex color 112016.



This preview shows how white text looks on a background with the Hex color 112016.

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
112016

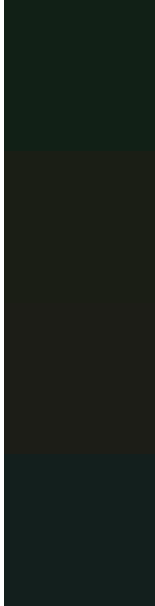
Protanopia
1F1D15

Deuteranopia
221C17



Tritanopia
141F21

Trichromacy



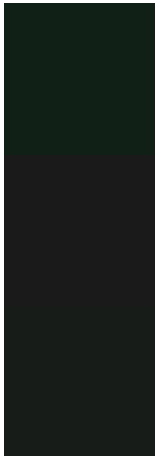
Original Color
112016

Protanomaly
1A1E15

Deuteranomaly
1C1D17

Tritanomaly
131F1D

Monochromacy



Original Color
112016

Achromatopsia
1A1A1A

Achromatomaly
171C19

CSS Examples

Text

The CSS property to change the color of the text to Hex 112016 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 #112016 looks like.

```
.text, #text, p{  
    color:#112016  
}
```

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 #112016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112016
}
```

Border

The CSS property to change the border of an element to Hex 112016 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
#112016 }
```

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

```
.border{ border-color:#112016 }
```

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

Here you see how a box with a 4 pixel #112016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112016; -webkit-box-shadow:4px 4px  
4px 4px #112016; box-shadow:4px 4px 4px  
4px #112016 }
```

Background

The CSS property to change the background color of an element to Hex 112016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112016 }
```

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

```
.background{ background-color:#112016 }
```

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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