

# Converting Colors

Hex(132C06)

Have a look what the booklet for  
Hex(132C06) contains.

<b>Hex(132C06)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(132C06)

# Conversions

## Conversions Part 1

Format	Color
Hex	132C06
RGB	19, 44, 6
RGB Percent	7%, 17%, 2%
CMY	0.9255, 0.8275, 0.9765
CMYK	0.57, 0.00, 0.86, 0.83
HSL	99°, 76%, 10%
HSV	99°, 86%, 17%
XYZ	1.2021, 1.9530, 0.4859
YIQ	32.1930, -2.7020, -17.1180

# Conversions

## Conversions Part 2

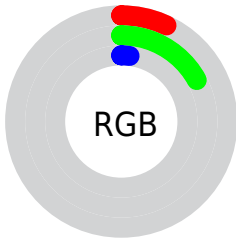
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 44, 31
Decimal	1256454
CIELab	15.24, -18.15, 19.32
CIELCh	15, 26.513, 133.213
Yxy	1.9530, 0.3302, 0.5364
Android (android.graphics.Color)	4279446534 (0xFF132C06)
YUV	32.1930, -12.9131, -11.5703
Hunter-Lab	13.9748, -9.1014, 7.7209

# Details

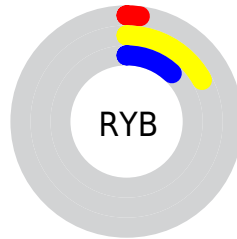
The Hex color **132C06** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1F062C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3F5A33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **102C02**, and if you desaturate by 10%, it is **162C0A**.

# Distribution



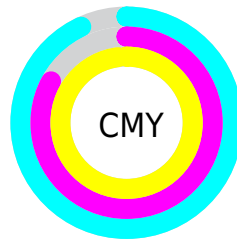
- Red (7%)
- Green (17%)
- Blue (2%)



- Red (2%)
- Yellow (17%)
- Blue (12%)



- Cyan (57%)
- Magenta (0%)
- Yellow (86%)
- Black (83%)



- Cyan (93%)
- Magenta (83%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 132C06 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 132C06 by changing the saturation by 10% instead.



 132C06

 132C06

 F9FFE8

 001900

 3F5A33

 000000

 57734A

 708C62

 8AA77B

 A5C295

 C0DEB0

 DCFACB

 132C06

 132C06

■ 102C02

■ 162C0A

■ 0F2C00

■ 192C0F

■ 1C2C13

■ 1F2C18

■ 212C1C

■ 242C20

■ 272C25

■ 2A2C29

■ 2D2C2E

# Harmonies

## Analogous

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



292800



132C06



002E1B

# Triad

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



132C06



002B4A



48141F

# Complementary

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



132C06



1F062C

# 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.



421531



132C06



0E264B

# Square

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



132C06



002E3F



311D42



44190C

# Rectangle

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



132C06



002F28



311D42



471325



# Sweetspot

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



132C06



2F382A



2C1F06



161C13



9C9C9C



1C1C1C



# Same Dimension

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



132C06



133800



062C0C



151715



1E5700



49D600



# Inverse Universe

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



1F062C



250038



2C0626



161517



390057

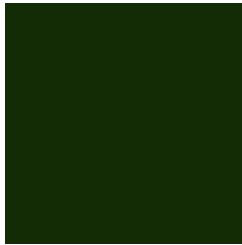


8D00D6



# Previews

## White Background



This preview shows how the Hex color 132C06 looks on a white background.

## Color Contrast Check

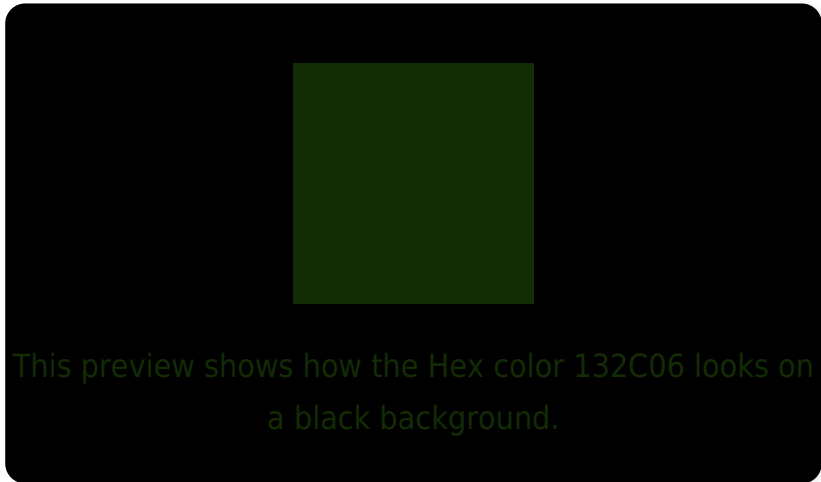
Large Text (above 18pt) WCAG AA ✓ Pass

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

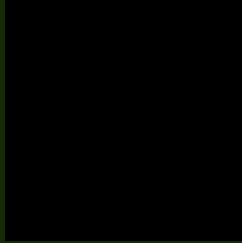
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

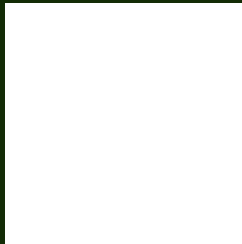
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 132C06 Background



This preview shows how black text looks on a background with the Hex color 132C06.



This preview shows how white text looks on a background with the Hex color 132C06.

# 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**  
132C06

**Protanopia**  
2B2704

**Deuteranopia**  
30240B



**Tritanopia**  
1A292C

# Trichromacy



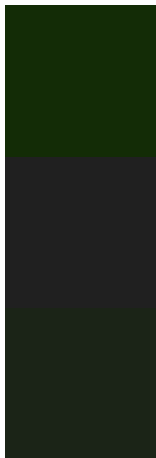
**Original Color**  
132C06

**Protanomaly**  
222905

**Deuteranomaly**  
252709

**Tritanomaly**  
172A1E

# Monochromacy



**Original Color**  
132C06

**Achromatopsia**  
202020

**Achromatomaly**  
1B2417

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 132C06 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 #132C06 looks like.

```
.text, #text, p{  
    color:#132C06  
}
```

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 #132C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132C06
}
```

## Border

The CSS property to change the border of an element to Hex 132C06 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".

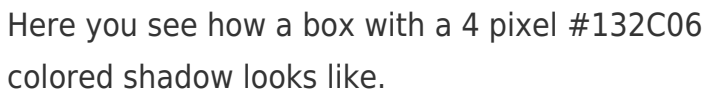
```
.border, #border, table{ border:4px solid
#132C06 }
```

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

```
.border{ border-color:#132C06 }
```

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

Here you see how a box with a 4 pixel #132C06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132C06; -webkit-box-shadow:4px 4px  
4px 4px #132C06; box-shadow:4px 4px 4px  
4px #132C06 }
```

# Background

The CSS property to change the background color of an element to Hex 132C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132C06 }
```

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

```
.background{ background-color:#132C06 }
```

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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