

# Converting Colors

Hex(164912)

Have a look what the booklet for  
Hex(164912) contains.

<b>Hex(164912)</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(164912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	164912
RGB	22, 73, 18
RGB Percent	9%, 29%, 7%
CMY	0.9137, 0.7137, 0.9294
CMYK	0.70, 0.00, 0.75, 0.71
HSL	116°, 60%, 18%
HSV	116°, 75%, 29%
XYZ	2.8226, 4.9793, 1.3846
YIQ	51.4810, -12.7410, -27.9170

# Conversions

## Conversions Part 2

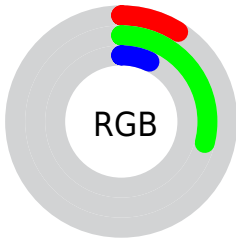
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 73, 69
Decimal	1460498
CIELab	26.68, -29.11, 26.90
CIELCh	27, 39.634, 137.264
Yxy	4.9793, 0.3073, 0.5420
Android (android.graphics.Color)	4279650578 (0xFF164912)
YUV	51.4810, -16.5061, -25.8548
Hunter-Lab	22.3144, -16.4714, 11.9412

# Details

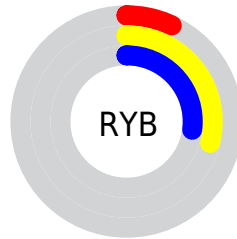
The Hex color **164912** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **451249**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **497A40**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **0F490B**, and if you desaturate by 10%, it is **1D4919**.

# Distribution



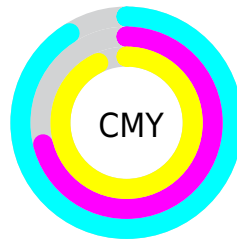
- Red (9%)
- Green (29%)
- Blue (7%)



- Red (7%)
- Yellow (29%)
- Blue (27%)



- Cyan (70%)
- Magenta (0%)
- Yellow (75%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 164912 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 164912 by changing the saturation by 10% instead.



 164912

 164912

 FFFFF9

 003200

 497A40

 001F00

 629458

 000000

 7CAF70

 97CB8A

 B2E7A5

 CEFFC0

 EBFFDC

 164912

 164912

■ 0F490B

■ 1D4919

■ 084903

■ 244921

■ 054900

■ 2A4928

■ 31492F

■ 384936

■ 3F493E

■ 454945

■ 4C494C

■ 534954

# Harmonies

## Analogous

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



3D4300



164912



004C31

# Triad

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



164912



00467A



75202F

# Complementary

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



164912



451249

# 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.



6E214D



164912



203D79

# Square

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



164912



004B6B



562F69



6B2C13

# Rectangle

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



164912



004D46



562F69



741E39



# Sweetspot

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



164912



4A5E49



494412



243023



B0B0B0



303030



# Same Dimension

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



164912



105E09



124929



202420



076300



11E300



# Inverse Universe

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



451249



58095E



491232



232024



5C0063

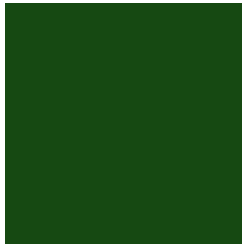


D200E3



# Previews

## White Background



This preview shows how the Hex color 164912 looks on a white background.

## Color Contrast Check

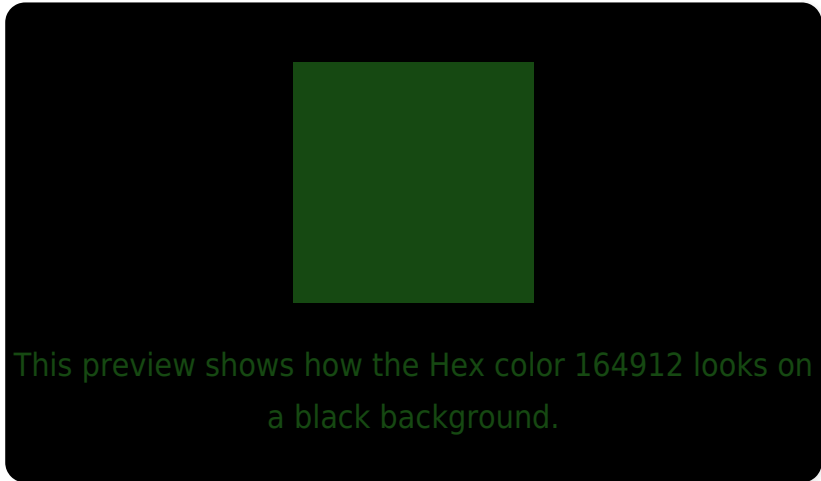
Large Text (above 18pt) WCAG AA ✓ Pass

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

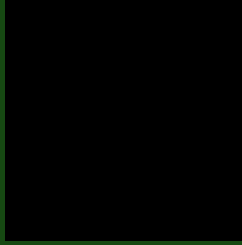
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 164912 Background



This preview shows how black text looks on a background with the Hex color 164912.



This preview shows how white text looks on a background with the Hex color 164912.

# 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**  
164912

**Protanopia**  
473F10

**Deuteranopia**  
4F3C17



**Tritanopia**  
24444A

# Trichromacy



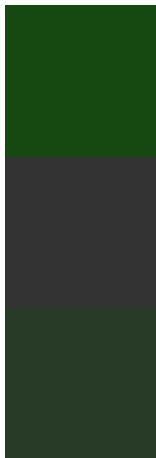
**Original Color**  
164912

**Protanomaly**  
354311

**Deuteranomaly**  
3A4115

**Tritanomaly**  
1F4636

# Monochromacy



**Original Color**  
164912

**Achromatopsia**  
333333

**Achromatomaly**  
283B27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 164912 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 #164912 looks like.

```
.text, #text, p{  
    color:#164912  
}
```

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 #164912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164912
}
```

## Border

The CSS property to change the border of an element to Hex 164912 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
#164912 }
```

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

```
.border{ border-color:#164912 }
```

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

Here you see how a box with a 4 pixel #164912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164912; -webkit-box-shadow:4px 4px  
4px 4px #164912; box-shadow:4px 4px 4px  
4px #164912 }
```

# Background

The CSS property to change the background color of an element to Hex 164912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164912 }
```

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

```
.background{ background-color:#164912 }
```

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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