

# Converting Colors

Hex(163911)

Have a look what the booklet for  
Hex(163911) contains.

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# Color

**Hex(163911)**

# Conversions

## Conversions Part 1

Format	Color
Hex	163911
RGB	22, 57, 17
RGB Percent	9%, 22%, 7%
CMY	0.9137, 0.7765, 0.9333
CMYK	0.61, 0.00, 0.70, 0.78
HSL	112°, 54%, 15%
HSV	112°, 70%, 22%
XYZ	1.8952, 3.1373, 1.0360
YIQ	41.9750, -8.0200, -19.8600

# Conversions

## Conversions Part 2

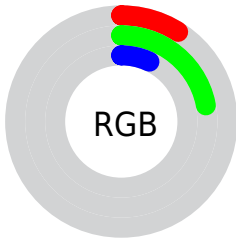
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 57, 52
Decimal	1456401
CIELab	20.59, -22.11, 20.70
CIELCh	21, 30.289, 136.892
Yxy	3.1373, 0.3123, 0.5170
Android (android.graphics.Color)	4279646481 (0xFF163911)
YUV	41.9750, -12.3127, -17.5181
Hunter-Lab	17.7124, -11.8977, 8.9309

# Details

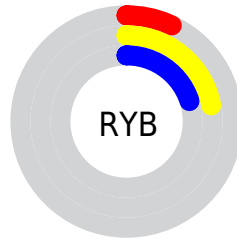
The Hex color **163911** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **341139**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **45693D**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **11390B**, and if you desaturate by 10%, it is **1B3917**.

# Distribution



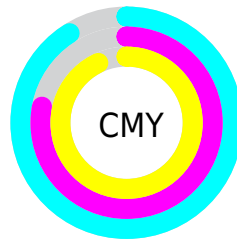
- Red (9%)
- Green (22%)
- Blue (7%)



- Red (7%)
- Yellow (22%)
- Blue (20%)



- Cyan (61%)
- Magenta (0%)
- Yellow (70%)
- Black (78%)



- Cyan (91%)
- Magenta (78%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 163911 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 163911 by changing the saturation by 10% instead.



 163911

 163911

 FFFFF4

 002300

 45693D

 000400

 5E8254

 000000

 779C6D

 91B786

 ACD3A1

 C7EFBC

 E4FFD8

 163911

 163911

■ 11390B

■ 1B3917

■ 0C3906

■ 20391C

■ 073900

■ 253922

■ 2A3928

■ 2F392E

■ 343933

■ 393939

■ 3E393F

■ 433944

# Harmonies

## Analogous

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



313400



163911



003B27

# Triad

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



163911



00375D



5A1C26

# Complementary

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



163911



341139

# 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.



551D3C



163911



1D305C

# Square

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



163911



003B52



422650



532412

# Rectangle

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



163911



003C36



422650



591B2D



# Sweetspot

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



163911



3C4A3A



393411



1E261D



A6A6A6



262626



# Same Dimension

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



163911



144A0C



113920



1A1C19



0B5C00



1BDB00



# Inverse Universe

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



341139



420C4A



39112A



1C191C



50005C

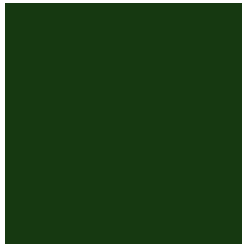


C000DB



# Previews

## White Background



This preview shows how the Hex color 163911 looks on a white background.

## Color Contrast Check

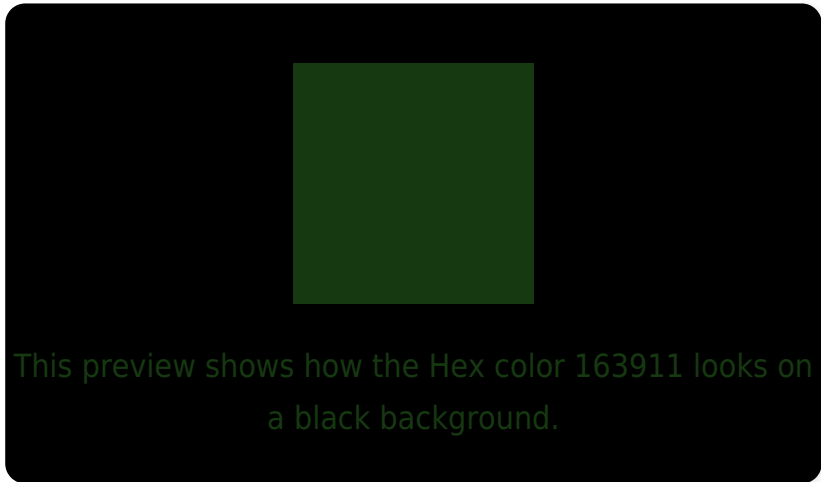
Large Text (above 18pt) WCAG AA ✓ Pass

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

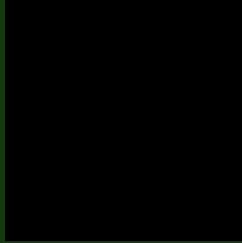
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 163911 Background



This preview shows how black text looks on a background with the Hex color 163911.



This preview shows how white text looks on a background with the Hex color 163911.

# 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](#).

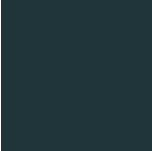
## Dichromacy



**Original Color**  
163911

**Protanopia**  
38320F

**Deuteranopia**  
3E2F14



**Tritanopia**  
1F353A

# Trichromacy



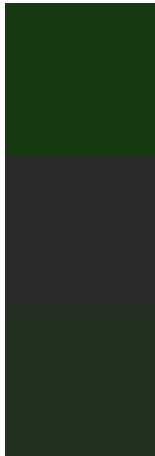
**Original Color**  
163911

**Protanomaly**  
2C3510

**Deuteranomaly**  
2F3313

**Tritanomaly**  
1C362B

# Monochromacy



**Original Color**  
163911

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
232F21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 163911 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 #163911 looks like.

```
.text, #text, p{  
    color:#163911  
}
```

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 #163911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163911
}
```

## Border

The CSS property to change the border of an element to Hex 163911 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".

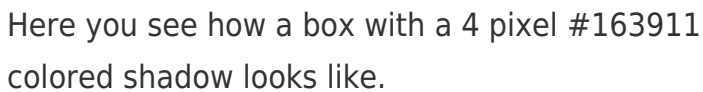
```
.border, #border, table{ border:4px solid
#163911 }
```

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

```
.border{ border-color:#163911 }
```

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

Here you see how a box with a 4 pixel #163911 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163911; -webkit-box-shadow:4px 4px  
4px 4px #163911; box-shadow:4px 4px 4px  
4px #163911 }
```

# Background

The CSS property to change the background color of an element to Hex 163911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163911 }
```

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

```
.background{ background-color:#163911 }
```

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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