

# Converting Colors

Hex(258A11)

Have a look what the booklet for  
Hex(258A11) contains.

<b>Hex(258A11)</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(258A11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	258A11
RGB	37, 138, 17
RGB Percent	15%, 54%, 7%
CMY	0.8549, 0.4588, 0.9333
CMYK	0.73, 0.00, 0.88, 0.46
HSL	110°, 78%, 30%
HSV	110°, 88%, 54%
XYZ	9.9526, 18.6107, 3.5980
YIQ	94.0070, -21.3550, -59.0430

# Conversions

## Conversions Part 2

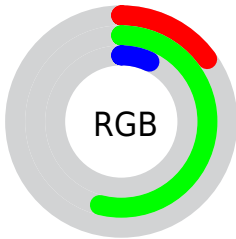
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 138, 118
Decimal	2460177
CIELab	50.23, -49.80, 50.01
CIELCh	50, 70.574, 134.880
Yxy	18.6107, 0.3095, 0.5787
Android (android.graphics.Color)	4280650257 (0xFF258A11)
YUV	94.0070, -37.9645, -49.9951
Hunter-Lab	43.1402, -34.3147, 25.2532

# Details

The Hex color **258A11** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **76118A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **63C14A**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **198A03**, and if you desaturate by 10%, it is **318A1F**.

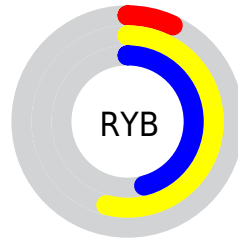
# Distribution



Red (15%)

Green (54%)

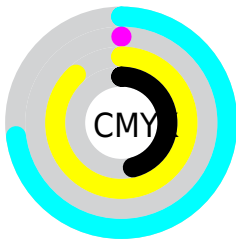
Blue (7%)



Red (7%)

Yellow (54%)

Blue (46%)

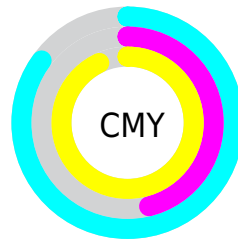


Cyan (73%)

Magenta (0%)

Yellow (88%)

Black (46%)



Cyan (85%)

Magenta (46%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 258A11 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 258A11 by changing the saturation by 10% instead.





258A11



258A11

FFFFFF



007000



63C14A



005700



80DD64



003E00



9CFA7F



002800



B9FF9A



000200



D6FFB6



000000



F4FFD2



FFFFEF



258A11



258A11

■ 198A03

■ 318A1F

■ 178A00

■ 3C8A2D

■ 488A3A

■ 538A48

■ 5F8A56

■ 6A8A64

■ 768A72

■ 818A7F

■ 8D8A8D

# Harmonies

## Analogous

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



757E00



258A11



009056

# Triad

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



258A11



0087EC



E02F5D

# Complementary

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



258A11



76118A

# 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.



D23698



258A11



0075ED

# Square

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



258A11



0090CC



9E58CE



CF4C23

# Rectangle

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



258A11



009280



9E58CE



DF2B70



# Sweetspot

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



258A11



8CB384



8A7611



42593E



D9D9D9



595959



# Same Dimension

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



258A11



1EB300



118A39



3F453E



168500



010500



# Inverse Universe

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



76118A



9500B3



8A1162



443E45



6F0085

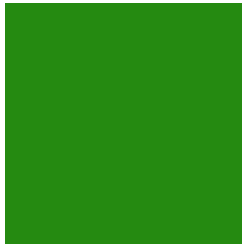


040005



# Previews

## White Background



This preview shows how the Hex color 258A11 looks on a white background.

## Color Contrast Check

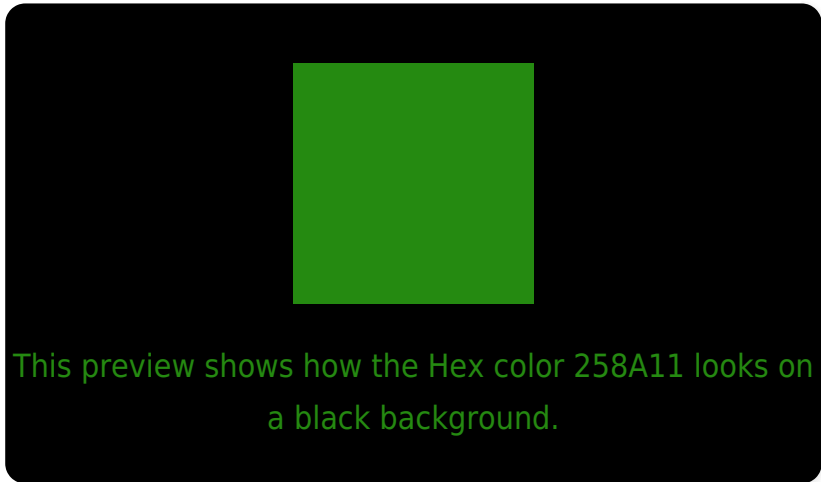
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

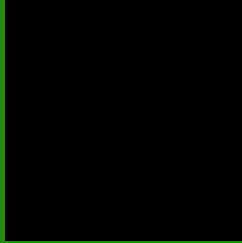
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 258A11 Background



This preview shows how black text looks on a background with the Hex color 258A11.



This preview shows how white text looks on a background with the Hex color 258A11.

# 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**  
258A11

**Protanopia**  
86770A

**Deuteranopia**  
957121



**Tritanopia**  
43808B

# Trichromacy



**Original Color**  
258A11



**Protanomaly**  
637E0D



**Deuteranomaly**  
6C7A1B



**Tritanomaly**  
38845F

# Monochromacy



**Original Color**  
258A11



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
496E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 258A11 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 #258A11 looks like.

```
.text, #text, p{  
    color:#258A11  
}
```

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 #258A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258A11
}
```

## Border

The CSS property to change the border of an element to Hex 258A11 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
#258A11 }
```

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

```
.border{ border-color:#258A11 }
```

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

Here you see how a box with a 4 pixel #258A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258A11; -webkit-box-shadow:4px 4px  
4px 4px #258A11; box-shadow:4px 4px 4px  
4px #258A11 }
```

# Background

The CSS property to change the background color of an element to Hex 258A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258A11 }
```

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

```
.background{ background-color:#258A11 }
```

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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