

# Converting Colors

Hex(138101)

Have a look what the booklet for  
Hex(138101) contains.

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# Color

**Hex(138101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	138101
RGB	19, 129, 1
RGB Percent	7%, 51%, 0%
CMY	0.9255, 0.4941, 0.9961
CMYK	0.85, 0.00, 0.99, 0.49
HSL	112°, 98%, 25%
HSV	112°, 99%, 51%
XYZ	8.1243, 15.8412, 2.6582
YIQ	81.5180, -24.4720, -63.1280

# Conversions

## Conversions Part 2

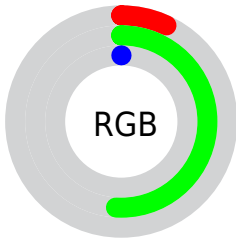
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 129, 111
Decimal	1278209
CIELab	46.77, -50.29, 50.20
CIElCh	47, 71.054, 135.052
Yxy	15.8412, 0.3052, 0.5950
Android (android.graphics.Color)	4279468289 (0xFF138101)
YUV	81.5180, -39.6954, -54.8283
Hunter-Lab	39.8009, -33.2157, 23.9009

# Details

The Hex color **138101** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6F0181**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **58B740**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **128100**, and if you desaturate by 10%, it is **1E810E**.

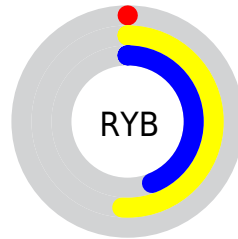
# Distribution



Red (7%)

Green (51%)

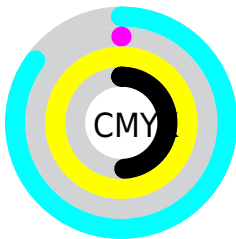
Blue (0%)



Red (0%)

Yellow (51%)

Blue (44%)

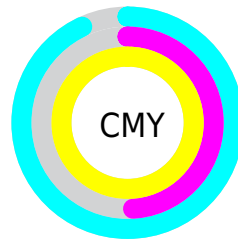


Cyan (85%)

Magenta (0%)

Yellow (99%)

Black (49%)



Cyan (93%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 138101 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 138101 by changing the saturation by 10% instead.



 138101

 138101

FFFFFF

 006700

 58B740

 004E00

 75D35B

 003600

 91F075

 001F00

 AEFF90

 000000

 CBFFAC

 E9FFC8

 FFFFE4

 138101

 138101

■ 128100

■ 1E810E

■ 29811B

■ 348128

■ 3F8135

■ 4A8142

■ 56814E

■ 61815B

■ 6C8168

■ 778175

# Harmonies

## Analogous

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



6B7500



138101



00874E

# Triad

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



138101



007EE3



D51F54

# Complementary

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



138101



6F0181

# 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.



C8288F



138101



006CE4

# Square

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



138101



0087C3



954EC4



C54219

# Rectangle

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



138101



008878



954EC4



D51A67



# Sweetspot

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



138101



7DA876



816E01



3A5436



D4D4D4



545454



# Same Dimension

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



138101



18A800



01812E



3A4039



128000



000000



# Inverse Universe

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



6F0181



9100A8



810154



3F3940



6E0080

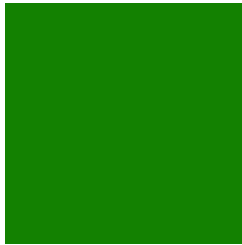


000000



# Previews

## White Background



This preview shows how the Hex color 138101 looks on a white background.

## Color Contrast Check

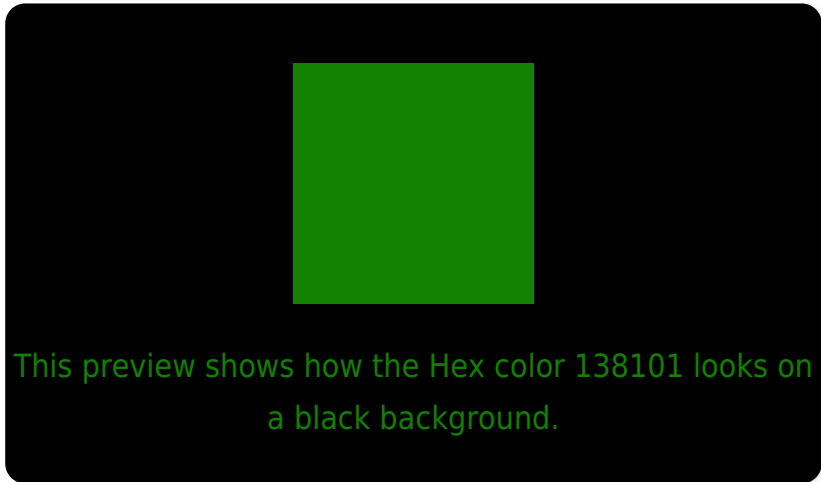
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 138101 Background



This preview shows how black text looks on a background with the Hex color 138101.



This preview shows how white text looks on a background with the Hex color 138101.

# 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**  
138101

**Protanopia**  
7D6F00

**Deuteranopia**  
8B691C



# Trichromacy



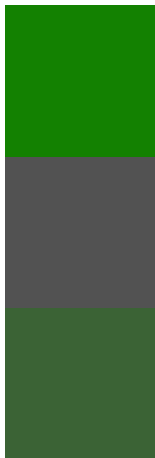
**Original Color**  
138101

**Protanomaly**  
567600

**Deuteranomaly**  
5F7212

**Tritanomaly**  
2B7B53

# Monochromacy



**Original Color**  
138101

**Achromatopsia**  
525252

**Achromatomaly**  
3B6335

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 138101 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 #138101 looks like.

```
.text, #text, p{  
    color:#138101  
}
```

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 #138101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138101
}
```

## Border

The CSS property to change the border of an element to Hex 138101 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
#138101 }
```

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

```
.border{ border-color:#138101 }
```

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

Here you see how a box with a 4 pixel #138101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138101; -webkit-box-shadow:4px 4px  
4px 4px #138101; box-shadow:4px 4px 4px  
4px #138101 }
```

# Background

The CSS property to change the background color of an element to Hex 138101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138101 }
```

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

```
.background{ background-color:#138101 }
```

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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