

# Converting Colors

Hex(11D238)

Have a look what the booklet for  
Hex(11D238) contains.

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**Color**

**Hex(11D238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11D238
RGB	17, 210, 56
RGB Percent	7%, 82%, 22%
CMY	0.9333, 0.1765, 0.7804
CMYK	0.92, 0.00, 0.73, 0.18
HSL	132°, 85%, 45%
HSV	132°, 92%, 82%
XYZ	23.9916, 46.4979, 11.4519
YIQ	134.7370, -65.5940, -88.8100

# Conversions

## Conversions Part 2

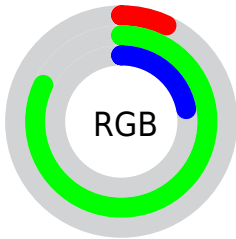
Format	Color
<a href="#">RYB</a>	<a href="#">17, 178, 210</a>
Decimal	<a href="#">1167928</a>
CIELab	<a href="#">73.87, -71.37, 60.54</a>
CIELCh	<a href="#">74, 93.584, 139.694</a>
Yxy	<a href="#">46.4979, 0.2928, 0.5675</a>
Android (android.graphics.Color)	<a href="#">4279358008 (0xFF11D238)</a>
YUV	<a href="#">134.7370, -38.8173, -103.2553</a>
Hunter-Lab	<a href="#">68.1894, -56.5284, 37.7752</a>

# Details

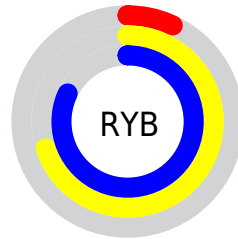
The Hex color **11D238** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D211AB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6DFF70**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **00D22A**, and if you desaturate by 10%, it is **26D249**.

# Distribution



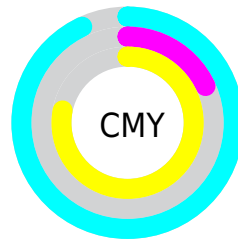
- Red (7%)
- Green (82%)
- Blue (22%)



- Red (7%)
- Yellow (70%)
- Blue (82%)



- Cyan (92%)
- Magenta (0%)
- Yellow (73%)
- Black (18%)




- Cyan (93%)
- Magenta (18%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11D238 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 11D238 by changing the saturation by 10% instead.



 11D238

 11D238

FFFFFF

 00B616

 6DFF70

 009A00

 8DFF8C

 007E00

 ADFFA8

 006400

 CCFFC4


 004A00


 EBFFE1

 003200

 001600

 000000

 11D238

 11D238

 00D22A

 26D249

 3BD25A

 50D26A

 65D27B

 7AD28C

 8FD29D

 A4D2AD

 B9D2BE

 CED2CF

# Harmonies

## Analogous

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



A5C200



11D238



00D994

# Triad

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



11D238



00C9FF



FF5581

# Complementary

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



11D238



D211AB

# Split Complementary

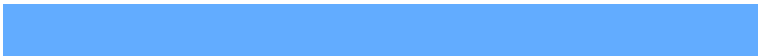
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF54D7



11D238



62ACFF

# Square

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



11D238



00D7FF



FD80FF



FF7F2E

# Rectangle

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



11D238



00DBD0



FD80FF



FF4D9E

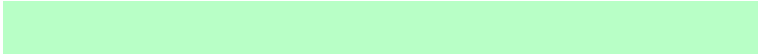


# Sweetspot

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



11D238



B8FFC6



ABD211



54805D



000000



808080



# Same Dimension

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



11D238



00FF34



11D298



5E6960



00A822



002908



# Inverse Universe

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



D211AB



FF00CB



D2114B



695E66



A80086

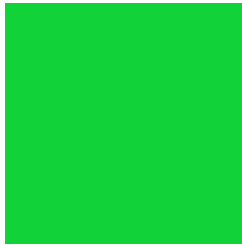


290021



# Previews

## White Background



This preview shows how the Hex color 11D238 looks on a white background.

## Color Contrast Check

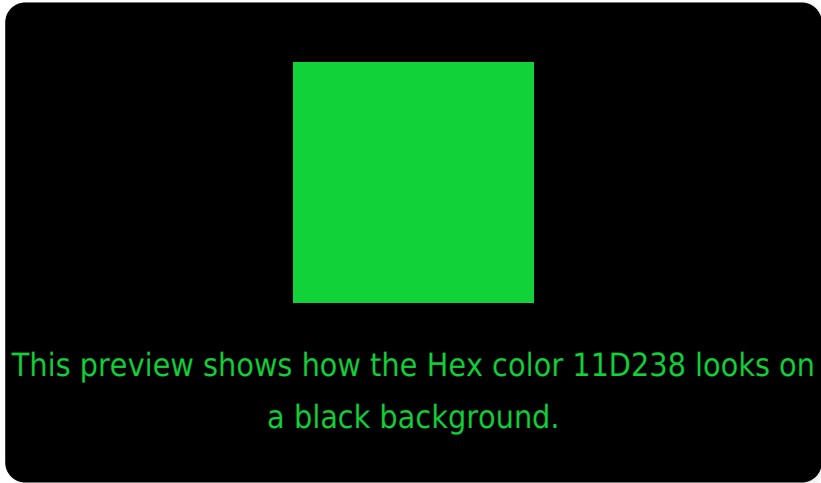
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex 11D238 Background



This preview shows how black text looks on a background with the Hex color 11D238.

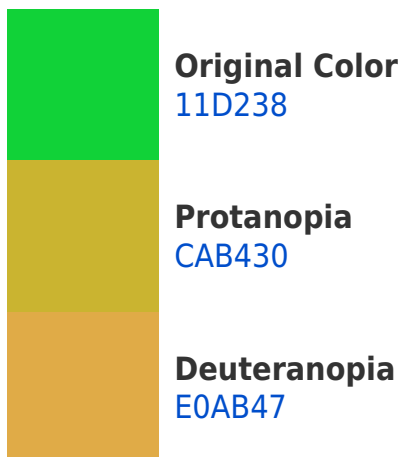


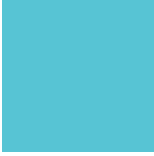
This preview shows how white text looks on a background with the Hex color 11D238.

# 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](#).

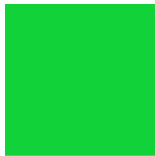
## Dichromacy





**Tritanopia**  
57C4D4

# Trichromacy



**Original Color**  
11D238



**Protanomaly**  
87BF33



**Deuteranomaly**  
95B942



**Tritanomaly**  
3EC99B

# Monochromacy



**Original Color**  
11D238



**Achromatopsia**  
878787



**Achromatomaly**  
5CA26A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11D238 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 #11D238 looks like.

```
.text, #text, p{  
    color:#11D238  
}
```

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 #11D238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11D238
}
```

## Border

The CSS property to change the border of an element to Hex 11D238 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
#11D238 }
```

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

```
.border{ border-color:#11D238 }
```

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

Here you see how a box with a 4 pixel #11D238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11D238; -webkit-box-shadow:4px 4px  
4px 4px #11D238; box-shadow:4px 4px 4px  
4px #11D238 }
```

# Background

The CSS property to change the background color of an element to Hex 11D238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11D238 }
```

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

```
.background{ background-color:#11D238 }
```

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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