

Converting Colors

Hex(12B351)

Have a look what the booklet for
Hex(12B351) contains.

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Color

Hex(12B351)

Conversions

Conversions Part 1

Format	Color
Hex	12B351
RGB	18, 179, 81
RGB Percent	7%, 70%, 32%
CMY	0.9294, 0.2980, 0.6824
CMYK	0.90, 0.00, 0.55, 0.30
HSL	143°, 82%, 39%
HSV	143°, 90%, 70%
XYZ	17.8548, 32.9629, 13.2060
YIQ	119.6890, -64.4980, -64.6100

Conversions

Conversions Part 2

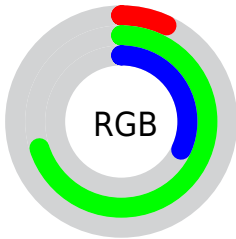
Format	Color
RYB	18, 134, 179
Decimal	1225553
CIELab	64.13, -59.03, 39.16
CIELCh	64, 70.840, 146.444
Yxy	32.9629, 0.2789, 0.5149
Android (android.graphics.Color)	4279415633 (0xFF12B351)
YUV	119.6890, -19.0737, -89.1813
Hunter-Lab	57.4133, -44.9622, 26.5516

Details

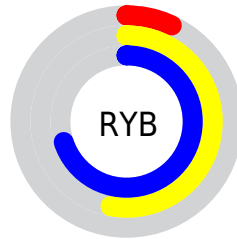
The Hex color **12B351** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B31274**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63EC85**, and **007D1F** is the 20% darker color. If you saturate the color by 10%, you get **00B346**, and if you desaturate by 10%, it is **24B35C**.

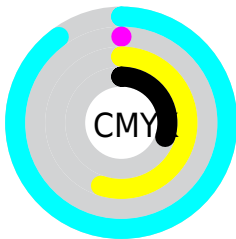
Distribution



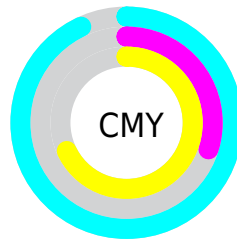
- Red (7%)
- Green (70%)
- Blue (32%)



- Red (7%)
- Yellow (53%)
- Blue (70%)



- Cyan (90%)
- Magenta (0%)
- Yellow (55%)
- Black (30%)



- Cyan (93%)
- Magenta (30%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12B351 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 12B351 by changing the saturation by 10% instead.

 12B351

 12B351

FFFFFF

 009738

 63EC85

 007D1F

 82FF9F

 006301

 A0FFBB

 004900

 BEFFD7

 003200

 DCFF4

 001700

 FAFFFF

 000000

 12B351

 12B351

 00B346

 24B35C

 36B367

 48B372

 5AB37D

 6BB387

 7DB392

 8FB39D

 A1B3A8

 B3B3B3

Harmonies

Analogous

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



83A812



12B351



00B892

Triad

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



12B351



00A5FF



FF6267

Complementary

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



12B351



B31274

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.



FF5BA6



12B351



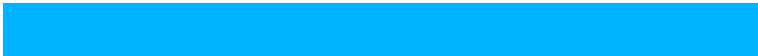
8B8EFF

Square

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



12B351



00B3FF



E070E2



EF7C2F

Rectangle

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



12B351



00B9BD



E070E2



FF5C7B

Sweetspot

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



12B351



A9E8C2



75B312



50755E



F5F5F5



757575

Same Dimension

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



12B351



00E85B



12B3A0



505954



00993C



001A0A

Inverse Universe

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



B31274



E8008D



B31225



595056



99005D



1A0010

Previews

White Background



This preview shows how the Hex color 12B351 looks on a white background.

Color Contrast Check

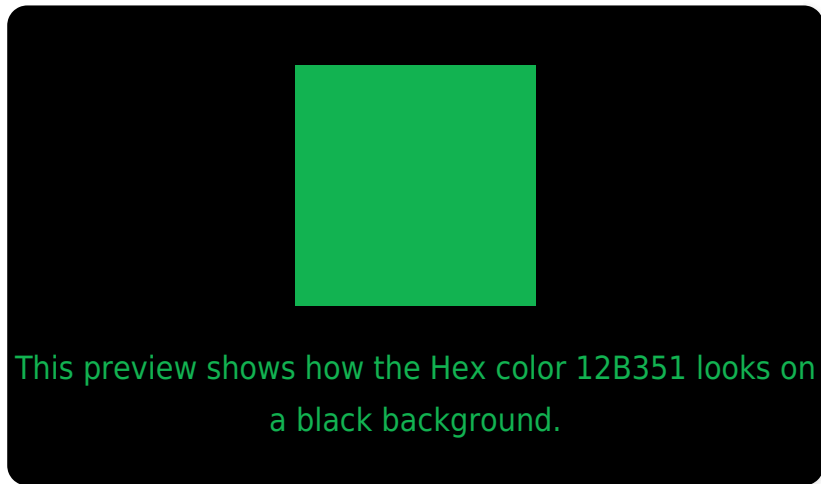
Large Text (above 18pt) WCAG AA × Fail

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 12B351 Background



This preview shows how black text looks on a background with the Hex color 12B351.

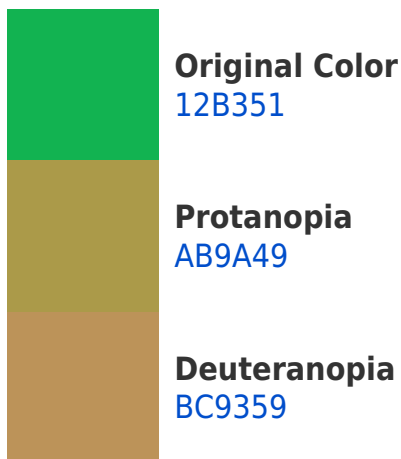


This preview shows how white text looks on a background with the Hex color 12B351.

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
47A8B6

Trichromacy



Original Color
12B351



Protanomaly
73A34C



Deuteranomaly
7E9F56



Tritanomaly
34AC91

Monochromacy



Original Color
12B351



Achromatopsia
787878



Achromatomaly
538D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 12B351 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 #12B351 looks like.

```
.text, #text, p{  
    color:#12B351  
}
```

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 #12B351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B351
}
```

Border

The CSS property to change the border of an element to Hex 12B351 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
#12B351 }
```

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

```
.border{ border-color:#12B351 }
```

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

Here you see how a box with a 4 pixel #12B351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B351; -webkit-box-shadow:4px 4px  
4px 4px #12B351; box-shadow:4px 4px 4px  
4px #12B351 }
```

Background

The CSS property to change the background color of an element to Hex 12B351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B351 }
```

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

```
.background{ background-color:#12B351 }
```

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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