

Converting Colors

Hex(12B24E)

Have a look what the booklet for
Hex(12B24E) contains.

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Color

Hex(12B24E)

Conversions

Conversions Part 1

Format	Color
Hex	12B24E
RGB	18, 178, 78
RGB Percent	7%, 70%, 31%
CMY	0.9294, 0.3020, 0.6941
CMYK	0.90, 0.00, 0.56, 0.30
HSL	142°, 82%, 38%
HSV	142°, 90%, 70%
XYZ	17.5450, 32.5194, 12.5599
YIQ	118.7600, -63.2600, -65.0200

Conversions

Conversions Part 2

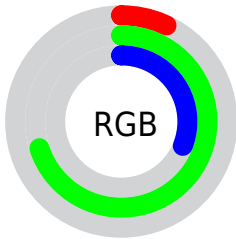
Format	Color
RYB	18, 134, 178
Decimal	1225294
CIELab	63.77, -59.14, 40.18
CIELCh	64, 71.499, 145.812
Yxy	32.5194, 0.2802, 0.5193
Android (android.graphics.Color)	4279415374 (0xFF12B24E)
YUV	118.7600, -20.0947, -88.3665
Hunter-Lab	57.0258, -44.8765, 26.8595

Details

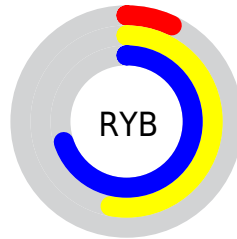
The Hex color **12B24E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B21276**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **63EB82**, and **007C1B** is the 20% darker color. If you saturate the color by 10%, you get **00B243**, and if you desaturate by 10%, it is **24B259**.

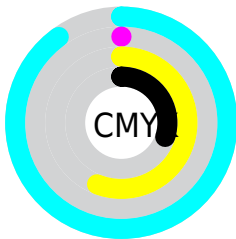
Distribution



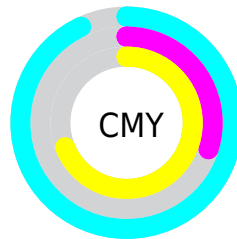
- Red (7%)
- Green (70%)
- Blue (31%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (56%)
- Black (30%)



- Cyan (93%)
- Magenta (30%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12B24E 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 12B24E by changing the saturation by 10% instead.

 12B24E

 12B24E

FFFFFF

 009635

 63EB82

 007C1B

 81FF9C

 006200

 A0FFB8

 004800

 BEFFD4

 003200

 DCFFF1

 001600

 FAFFFF

 000000

 12B24E

 12B24E

 00B243

 24B259

 36B264

 47B26F

 59B27A

 6BB286

 7DB291

 8FB29C

 A0B2A7

 B2B2B2

Harmonies

Analogous

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



83A70A



12B24E



00B78F

Triad

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



12B24E



00A5FF



FF5F67

Complementary

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



12B24E



B21276

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.



FF59A6



12B24E



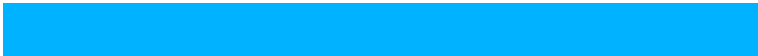
878DFF

Square

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



12B24E



00B2FF



DE6FE3



EF7A2E

Rectangle

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



12B24E



00B8BB



DE6FE3



FF5A7C

Sweetspot

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



12B24E



A9E8C1



77B212



50755E



F5F5F5



757575

Same Dimension

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



12B24E



00E857



12B29D



505954



009939



001A0A

Inverse Universe

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



B21276



E80091



B21227



595056



990060



1A0010

Previews

White Background



This preview shows how the Hex color 12B24E looks on a white background.

Color Contrast Check

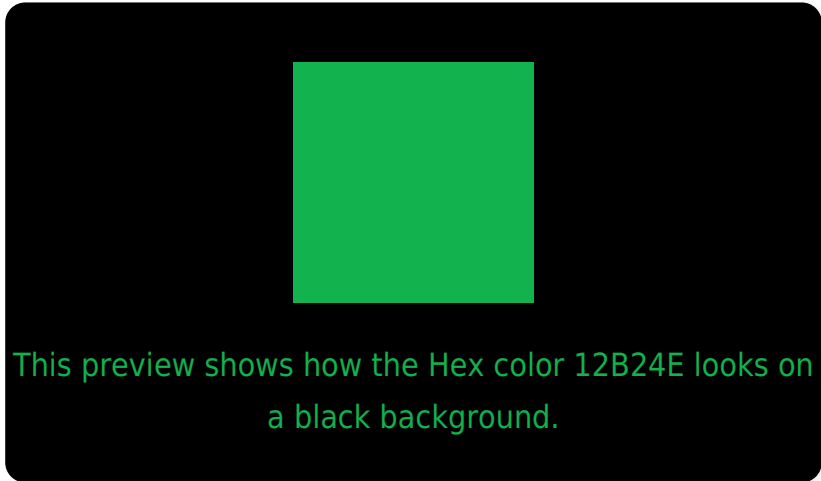
Large Text (above 18pt) WCAG AA × Fail

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 12B24E Background



This preview shows how black text looks on a background with the Hex color 12B24E.

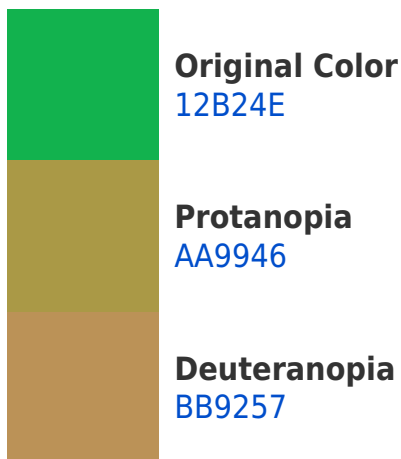


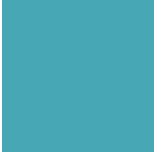
This preview shows how white text looks on a background with the Hex color 12B24E.

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
47A7B5

Trichromacy



Original Color
12B24E



Protanomaly
73A249



Deuteranomaly
7E9E54



Tritanomaly
34AB90

Monochromacy



Original Color
12B24E



Achromatopsia
777777



Achromatomaly
528C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 12B24E 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 #12B24E looks like.

```
.text, #text, p{  
    color:#12B24E  
}
```

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 #12B24E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B24E
}
```

Border

The CSS property to change the border of an element to Hex 12B24E 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
#12B24E }
```

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

```
.border{ border-color:#12B24E }
```

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

Here you see how a box with a 4 pixel #12B24E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B24E; -webkit-box-shadow:4px 4px  
4px 4px #12B24E; box-shadow:4px 4px 4px  
4px #12B24E }
```

Background

The CSS property to change the background color of an element to Hex 12B24E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B24E }
```

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

```
.background{ background-color:#12B24E }
```

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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