

Converting Colors

Hex(12B13E)

Have a look what the booklet for
Hex(12B13E) contains.

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Color

Hex(12B13E)

Conversions

Conversions Part 1

Format	Color
Hex	12B13E
RGB	18, 177, 62
RGB Percent	7%, 69%, 24%
CMY	0.9294, 0.3059, 0.7569
CMYK	0.90, 0.00, 0.65, 0.31
HSL	137°, 82%, 38%
HSV	137°, 90%, 69%
XYZ	16.8411, 31.9207, 9.8311
YIQ	116.3490, -57.8490, -69.4730

Conversions

Conversions Part 2

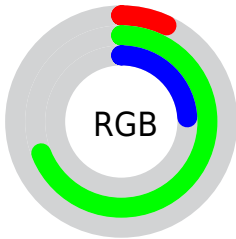
Format	Color
RYB	18, 143, 177
Decimal	1225022
CIELab	63.28, -60.88, 46.96
CIELCh	63, 76.887, 142.355
Yxy	31.9207, 0.2874, 0.5448
Android (android.graphics.Color)	4279415102 (0xFF12B13E)
YUV	116.3490, -26.7941, -86.2521
Hunter-Lab	56.4984, -45.6647, 29.2320

Details

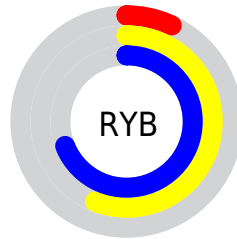
The Hex color **12B13E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B11285**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **63EA72**, and **007B01** is the 20% darker color. If you saturate the color by 10%, you get **00B131**, and if you desaturate by 10%, it is **24B14B**.

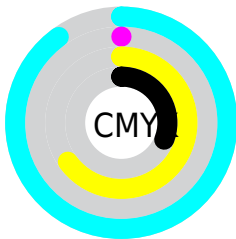
Distribution



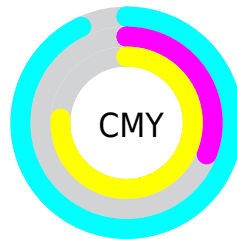
- Red (7%)
- Green (69%)
- Blue (24%)



- Red (7%)
- Yellow (56%)
- Blue (69%)



- Cyan (90%)
- Magenta (0%)
- Yellow (65%)
- Black (31%)



- Cyan (93%)
- Magenta (31%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12B13E 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 12B13E by changing the saturation by 10% instead.

 12B13E

 12B13E

FFFFFF

 009523

 63EA72

 007B01

 82FF8D

 006100

 A0FFA8

 004700

 BEFFC4

 003100

 DCFFE1

 001400

 FBFFFE

 000000

 12B13E

 12B13E

 00B131

 24B14B

 35B158

 47B164

 59B171

 6AB17E

 7CB18B

 8EB198

 A0B1A4

 B1B1B1

Harmonies

Analogous

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



87A500



12B13E



00B785

Triad

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



12B13E



00A7FF



FF536A

Complementary

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



12B13E



B11285

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.



FF4FAE



12B13E



6F8FFF

Square

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



12B13E



00B4FF



D96DEE



F77229

Rectangle

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



12B13E



00B8B5



D96DEE



FF4D80

Sweetspot

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



12B13E



A8E6B9



87B112



4E7358



F2F2F2



737373

Same Dimension

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



12B13E



00E640



12B18C



505953



00992A



001A07

Inverse Universe

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



B11285



E600A6



B11237



595057



99006F



1A0012

Previews

White Background



This preview shows how the Hex color 12B13E looks on a white background.

Color Contrast Check

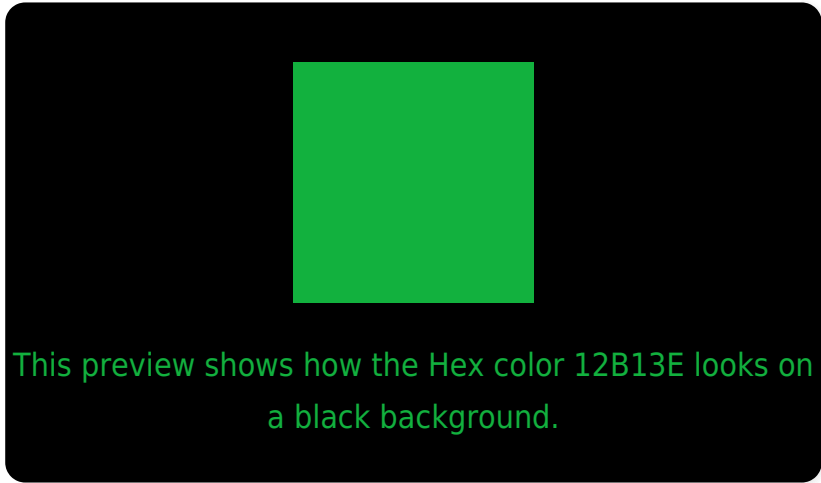
Large Text (above 18pt) WCAG AA × Fail

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 12B13E Background



This preview shows how black text looks on a background with the Hex color 12B13E.

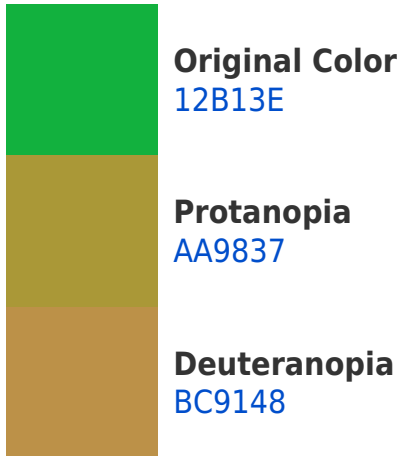


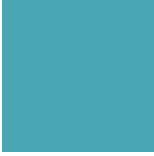
This preview shows how white text looks on a background with the Hex color 12B13E.

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
49A6B3

Trichromacy



Original Color
12B13E



Protanomaly
73A13A



Deuteranomaly
7E9D44



Tritanomaly
35AA88

Monochromacy



Original Color
12B13E



Achromatopsia
747474



Achromatomaly
508A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 12B13E 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 #12B13E looks like.

```
.text, #text, p{  
    color:#12B13E  
}
```

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 #12B13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B13E
}
```

Border

The CSS property to change the border of an element to Hex 12B13E 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
#12B13E }
```

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

```
.border{ border-color:#12B13E }
```

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

Here you see how a box with a 4 pixel #12B13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B13E; -webkit-box-shadow:4px 4px  
4px 4px #12B13E; box-shadow:4px 4px 4px  
4px #12B13E }
```

Background

The CSS property to change the background color of an element to Hex 12B13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B13E }
```

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

```
.background{ background-color:#12B13E }
```

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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