

Converting Colors

Hex(12E13B)

Have a look what the booklet for
Hex(12E13B) contains.

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Color

Hex(12E13B)

Conversions

Conversions Part 1

Format	Color
Hex	12E13B
RGB	18, 225, 59
RGB Percent	7%, 88%, 23%
CMY	0.9294, 0.1176, 0.7686
CMYK	0.92, 0.00, 0.74, 0.12
HSL	132°, 85%, 48%
HSV	132°, 92%, 88%
XYZ	27.9641, 54.2948, 13.1438
YIQ	144.1830, -70.0860, -95.5100

Conversions

Conversions Part 2

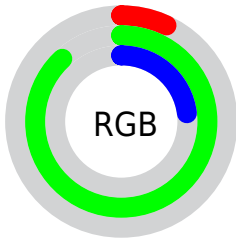
Format	Color
RYB	18, 191, 225
Decimal	1237307
CIELab	78.63, -75.35, 64.32
CIELCh	79, 99.069, 139.517
Yxy	54.2948, 0.2931, 0.5691
Android (android.graphics.Color)	4279427387 (0xFF12E13B)
YUV	144.1830, -41.9952, -110.6625
Hunter-Lab	73.6850, -61.2065, 41.0035

Details

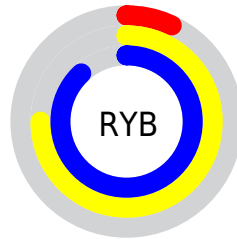
The Hex color **12E13B** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E112B8**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FF74**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **00E12D**, and if you desaturate by 10%, it is **29E14D**.

Distribution



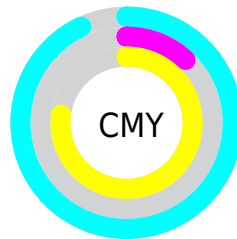
- Red (7%)
- Green (88%)
- Blue (23%)



- Red (7%)
- Yellow (75%)
- Blue (88%)



- Cyan (92%)
- Magenta (0%)
- Yellow (74%)
- Black (12%)



- Cyan (93%)
- Magenta (12%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12E13B 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 12E13B by changing the saturation by 10% instead.

 12E13B

 12E13B

FFFFFF

 00C418

 71FF74

 00A800

 92FF90

 008C00

 B3FFAD

 007100

 D2FFC9

 005700

 F2FFE6

 003E00

 002400

 000000

 12E13B

 12E13B

■ 00E12D

■ 29E14D

■ 3FE15F

■ 56E171

■ 6CE183

■ 83E195

■ 99E1A7

■ B0E1B9

■ C6E1CB

■ DCE1DD

Harmonies

Analogous

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



B1D000



12E13B



00E99E

Triad

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



12E13B



00D7FF



FF5A8B

Complementary

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



12E13B



E112B8

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.



FF5AE7



12E13B



66B8FF

Square

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



12E13B



00E7FF



FF8AFF



FF8831

Rectangle

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



12E13B



00EBDF



FF8AFF



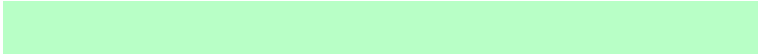
FF52A9

Sweetspot

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



12E13B



B8FFC6



BBE112



54805D



000000



808080

Same Dimension

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



12E13B



00FF33



12E19F



657067



00B023



00300A

Inverse Universe

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



E112B8



FF00CC



E11254



70656E



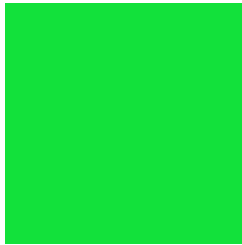
B0008D



300027

Previews

White Background



This preview shows how the Hex color 12E13B 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



This preview shows how the Hex color 12E13B looks on a 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 12E13B Background



This preview shows how black text looks on a background with the Hex color 12E13B.

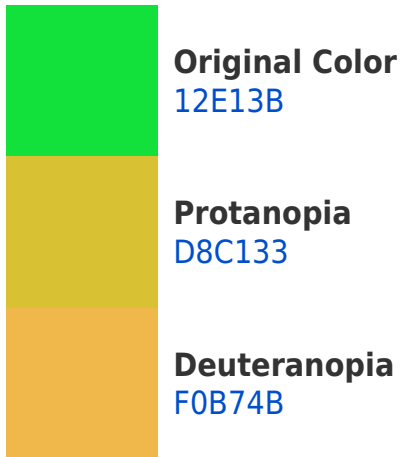


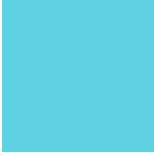
This preview shows how white text looks on a background with the Hex color 12E13B.

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](#).

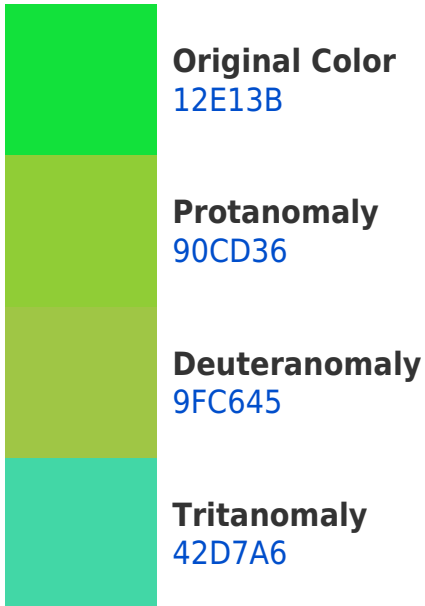
Dichromacy



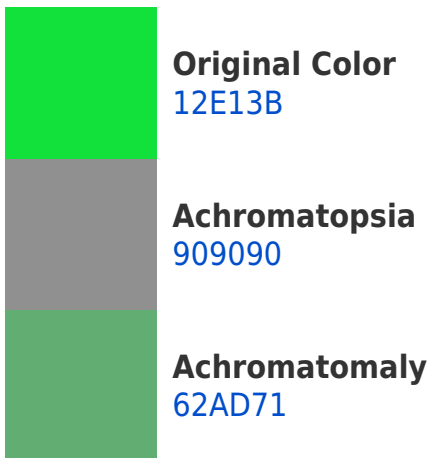


Tritanopia
5ED2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 12E13B 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 #12E13B looks like.

```
.text, #text, p{  
    color:#12E13B  
}
```

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 #12E13B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12E13B
}
```

Border

The CSS property to change the border of an element to Hex 12E13B 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
#12E13B }
```

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

```
.border{ border-color:#12E13B }
```

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

Here you see how a box with a 4 pixel #12E13B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12E13B; -webkit-box-shadow:4px 4px  
4px 4px #12E13B; box-shadow:4px 4px 4px  
4px #12E13B }
```

Background

The CSS property to change the background color of an element to Hex 12E13B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12E13B }
```

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

```
.background{ background-color:#12E13B }
```

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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