

Converting Colors

Hex(13C52E)

Have a look what the booklet for
Hex(13C52E) contains.

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Color

Hex(13C52E)

Conversions

Conversions Part 1

Format	Color
Hex	13C52E
RGB	19, 197, 46
RGB Percent	7%, 77%, 18%
CMY	0.9255, 0.2275, 0.8196
CMYK	0.90, 0.00, 0.77, 0.23
HSL	129°, 82%, 42%
HSV	129°, 90%, 77%
XYZ	20.7280, 40.2682, 9.2648
YIQ	126.5640, -57.6170, -84.6970

Conversions

Conversions Part 2

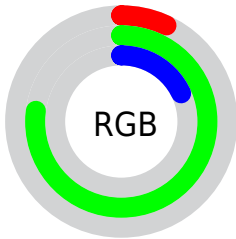
Format	Color
RYB	19, 174, 197
Decimal	1295662
CIELab	69.66, -68.26, 59.72
CIELCh	70, 90.702, 138.818
Yxy	40.2682, 0.2950, 0.5731
Android (android.graphics.Color)	4279485742 (0xFF13C52E)
YUV	126.5640, -39.7181, -94.3336
Hunter-Lab	63.4572, -52.7441, 35.7637

Details

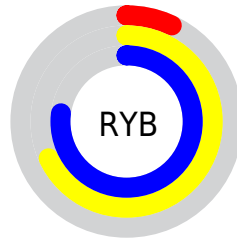
The Hex color **13C52E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C513AA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6AFF67**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **00C51E**, and if you desaturate by 10%, it is **27C53F**.

Distribution



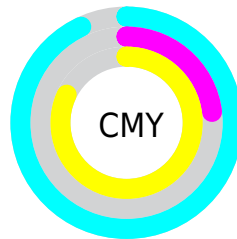
- Red (7%)
- Green (77%)
- Blue (18%)



- Red (7%)
- Yellow (68%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (77%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C52E 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 13C52E by changing the saturation by 10% instead.

 13C52E

 13C52E

FFFFFF

 00A905

 6AFF67

 008D00

 8AFF82

 007300

 A9FF9E

 005900

 C8FFBA

 004000

 E7FFD7

 002700

 FFFFF4

 000000

 13C52E

 13C52E

 00C51E

 27C53F

 3AC54F

 4EC560

 62C571

 76C582

 89C592

 9DC5A3

 B1C5B4

 C4C5C4

Harmonies

Analogous

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



9CB600



13C52E



00CC87

Triad

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



13C52E



00BDFE



FF4B7B

Complementary

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



13C52E



C513AA

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.



FF4CCD



13C52E



4EA2FF

Square

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



13C52E



00CAFF



EC78FF



FF752A

Rectangle

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



13C52E



00CEC1



EC78FF



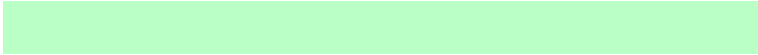
FF4496

Sweetspot

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



13C52E



BAFFC5



AAC513



57805D



000000



808080

Same Dimension

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



13C52E



00FF27



13C587



5A635B



00A319



002405

Inverse Universe

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



C513AA



FF00D8



C51351



635A62



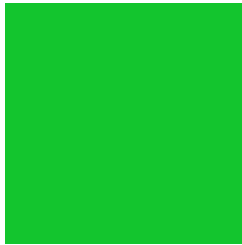
A3008A



24001E

Previews

White Background



This preview shows how the Hex color 13C52E 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 13C52E 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 13C52E Background



This preview shows how black text looks on a background with the Hex color 13C52E.

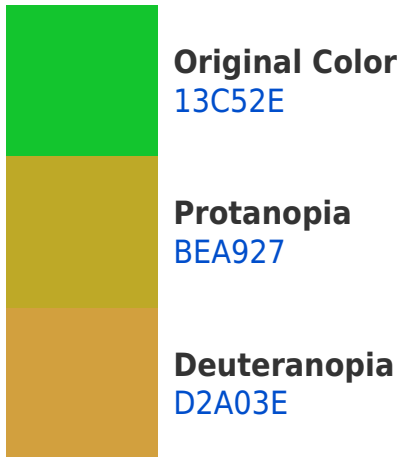


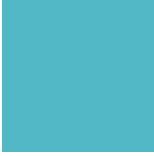
This preview shows how white text looks on a background with the Hex color 13C52E.

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
53B8C6

Trichromacy



Original Color
13C52E



Protanomaly
80B32A



Deuteranomaly
8DAD38



Tritanomaly
3CBD8F

Monochromacy



Original Color
13C52E



Achromatopsia
7F7F7F



Achromatomaly
589862

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C52E 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 #13C52E looks like.

```
.text, #text, p{  
    color:#13C52E  
}
```

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 #13C52E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C52E
}
```

Border

The CSS property to change the border of an element to Hex 13C52E 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
#13C52E }
```

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

```
.border{ border-color:#13C52E }
```

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

Here you see how a box with a 4 pixel #13C52E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C52E; -webkit-box-shadow:4px 4px  
4px 4px #13C52E; box-shadow:4px 4px 4px  
4px #13C52E }
```

Background

The CSS property to change the background color of an element to Hex 13C52E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C52E }
```

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

```
.background{ background-color:#13C52E }
```

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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