

Converting Colors

Hex(14CF33)

Have a look what the booklet for
Hex(14CF33) contains.

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Color

Hex(14CF33)

Conversions

Conversions Part 1

Format	Color
Hex	14CF33
RGB	20, 207, 51
RGB Percent	8%, 81%, 20%
CMY	0.9216, 0.1882, 0.8000
CMYK	0.90, 0.00, 0.75, 0.19
HSL	130°, 82%, 45%
HSV	130°, 90%, 81%
XYZ	23.1989, 45.0134, 10.5977
YIQ	133.3030, -61.3760, -88.1600

Conversions

Conversions Part 2

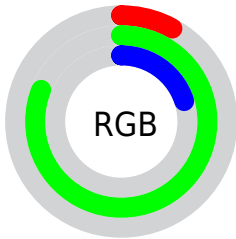
Format	Color
RYB	20, 180, 207
Decimal	1363763
CIELab	72.90, -70.72, 61.28
CIELCh	73, 93.575, 139.091
Yxy	45.0134, 0.2944, 0.5712
Android (android.graphics.Color)	4279553843 (0xFF14CF33)
YUV	133.3030, -40.5754, -99.3667
Hunter-Lab	67.0920, -55.6899, 37.5991

Details

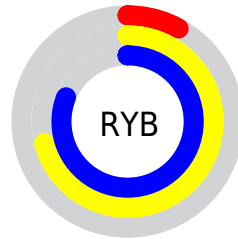
The Hex color **14CF33** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CF14B0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6DFF6C**, and **009700** is the 20% darker color. If you saturate the color by 10%, you get **00CF22**, and if you desaturate by 10%, it is **29CF44**.

Distribution



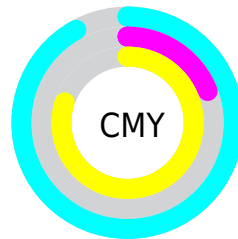
- Red (8%)
- Green (81%)
- Blue (20%)



- Red (8%)
- Yellow (71%)
- Blue (81%)



- Cyan (90%)
- Magenta (0%)
- Yellow (75%)
- Black (19%)



- Cyan (92%)
- Magenta (19%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14CF33 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 14CF33 by changing the saturation by 10% instead.

 14CF33

 14CF33

FFFFFF

 00B30D

 6DFF6C

 009700

 8DFF87

 007C00

 ADFFA3

 006100

 CCFFC0

 004800

 EBFFDD

 003000

 FFFFFA

 001200

 000000

 14CF33

 14CF33

 00CF22

 29CF44

 3DCF56

 52CF67

 67CF78

 7CCF89

 90CF9B

 A5CFAC

 BACFBD

 CECFCE

Harmonies

Analogous

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



A4BF00



14CF33



00D790

Triad

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



14CF33



00C7FF



FF5181

Complementary

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



14CF33



CF14B0

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.



FF51D6



14CF33



57A AFF

Square

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



14CF33



00D5FF



F87FFF



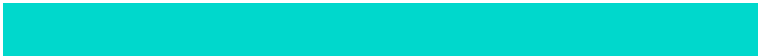
FF7C2D

Rectangle

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



14CF33



00D8CC



F87FFF



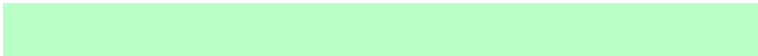
FF499D

Sweetspot

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



14CF33



BAFFC6



B3CF14



57805D



000000



808080

Same Dimension

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



14CF33



00FF2A



14CF8E



5E6960



00A81C



002907

Inverse Universe

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



CF14B0



FF00D5



CF1455



695E67



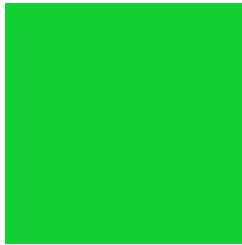
A8008C



290022

Previews

White Background



This preview shows how the Hex color 14CF33 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 14CF33 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 14CF33 Background



This preview shows how black text looks on a background with the Hex color 14CF33.

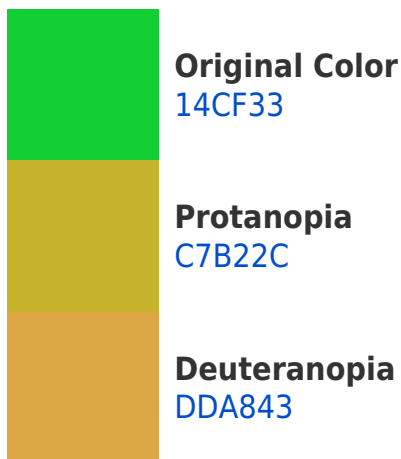


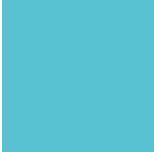
This preview shows how white text looks on a background with the Hex color 14CF33.

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](#).

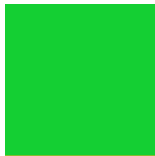
Dichromacy





Tritanopia
57C1D1

Trichromacy



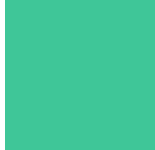
Original Color
14CF33



Protanomaly
86BD2F



Deuteranomaly
94B63D



Tritanomaly
3FC698

Monochromacy



Original Color
14CF33



Achromatopsia
858585



Achromatomaly
5CA067

CSS Examples

Text

The CSS property to change the color of the text to Hex 14CF33 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 #14CF33 looks like.

```
.text, #text, p{  
    color:#14CF33  
}
```

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 #14CF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14CF33
}
```

Border

The CSS property to change the border of an element to Hex 14CF33 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
#14CF33 }
```

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

```
.border{ border-color:#14CF33 }
```

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

Here you see how a box with a 4 pixel #14CF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14CF33; -webkit-box-shadow:4px 4px  
4px 4px #14CF33; box-shadow:4px 4px 4px  
4px #14CF33 }
```

Background

The CSS property to change the background color of an element to Hex 14CF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14CF33 }
```

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

```
.background{ background-color:#14CF33 }
```

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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