

Converting Colors

Hex(14E242)

Have a look what the booklet for
Hex(14E242) contains.

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Color

Hex(14E242)

Conversions

Conversions Part 1

Format	Color
Hex	14E242
RGB	20, 226, 66
RGB Percent	8%, 89%, 26%
CMY	0.9216, 0.1137, 0.7412
CMYK	0.91, 0.00, 0.71, 0.11
HSL	133°, 84%, 48%
HSV	133°, 91%, 89%
XYZ	28.4682, 54.9348, 14.2573
YIQ	146.1660, -71.4160, -93.4320

Conversions

Conversions Part 2

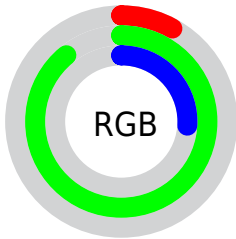
Format	Color
R _Y B	20, 188, 226
Decimal	1368642
CIE Lab	79.00, -74.96, 62.24
CIE LCh	79, 97.432, 140.298
Yxy	54.9348, 0.2915, 0.5625
Android (android.graphics.Color)	4279558722 (0xFF14E242)
YUV	146.1660, -39.5218, -110.6476
Hunter-Lab	74.1180, -61.1459, 40.4776

Details

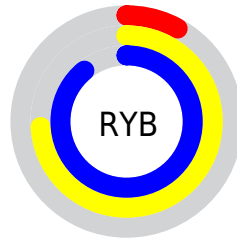
The Hex color **14E242** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E214B4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FF7A**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **00E232**, and if you desaturate by 10%, it is **2BE254**.

Distribution



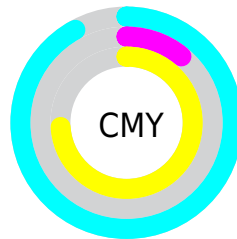
- Red (8%)
- Green (89%)
- Blue (26%)



- Red (8%)
- Yellow (74%)
- Blue (89%)



- Cyan (91%)
- Magenta (0%)
- Yellow (71%)
- Black (11%)



- Cyan (92%)
- Magenta (11%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14E242 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 14E242 by changing the saturation by 10% instead.

 14E242

 14E242

FFFFFF

 00C523

 71FF7A

 00A900

 93FF96

 008D00

 B3FFB2

 007200

 D3FFCF

 005800

 F2FFEC

 003F00

 002500

 000000

 14E242

 14E242

 00E232

 2BE254

 41E265

 58E277

 6EE288

 85E29A

 9CE2AB

 B2E2BD

 C9E2CE

 DFE2E0

Harmonies

Analogous

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



B0D200



14E242



00EAA2

Triad

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



14E242



00D7FF



FF608B

Complementary

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



14E242



E214B4

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.



FF5EE5



14E242



74B9FF

Square

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



14E242



00E7FF



FF8BFF



FF8C33

Rectangle

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



14E242



00ECE2



FF8BFF



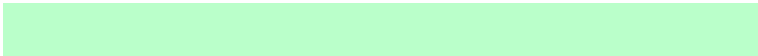
FF58A8

Sweetspot

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



14E242



BAFFCA



B5E214



578060



000000



808080

Same Dimension

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



14E242



00FF39



14E2A8



657067



00B027



00300B

Inverse Universe

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



E214B4



FF00C6



E2144E



70656E



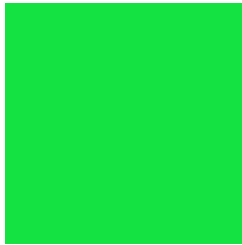
B00089



300026

Previews

White Background



This preview shows how the Hex color 14E242 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 14E242 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 14E242 Background



This preview shows how black text looks on a background with the Hex color 14E242.

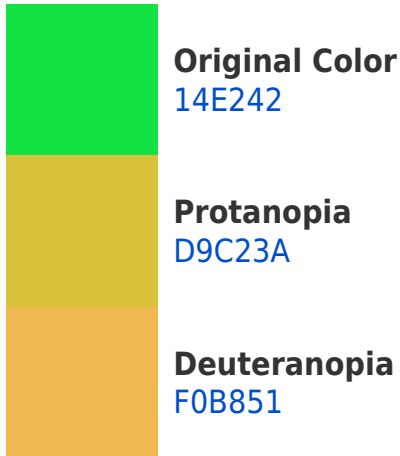


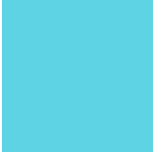
This preview shows how white text looks on a background with the Hex color 14E242.

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](#).

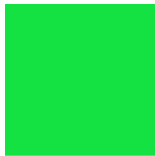
Dichromacy





Tritanopia
5ED3E4

Trichromacy



Original Color
14E242



Protanomaly
91CE3D

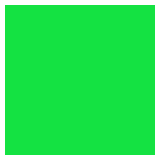


Deuteranomaly
A0C74C



Tritanomaly
43D8A9

Monochromacy



Original Color
14E242



Achromatopsia
929292



Achromatomaly
64AF75

CSS Examples

Text

The CSS property to change the color of the text to Hex 14E242 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 #14E242 looks like.

```
.text, #text, p{  
    color:#14E242  
}
```

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 #14E242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14E242
}
```

Border

The CSS property to change the border of an element to Hex 14E242 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
#14E242 }
```

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

```
.border{ border-color:#14E242 }
```

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

Here you see how a box with a 4 pixel #14E242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14E242; -webkit-box-shadow:4px 4px  
4px 4px #14E242; box-shadow:4px 4px 4px  
4px #14E242 }
```

Background

The CSS property to change the background color of an element to Hex 14E242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14E242 }
```

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

```
.background{ background-color:#14E242 }
```

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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