

Converting Colors

Hex(14DE56)

Have a look what the booklet for
Hex(14DE56) contains.

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Color

Hex(14DE56)

Conversions

Conversions Part 1

Format	Color
Hex	14DE56
RGB	20, 222, 86
RGB Percent	8%, 87%, 34%
CMY	0.9216, 0.1294, 0.6627
CMYK	0.91, 0.00, 0.61, 0.13
HSL	140°, 83%, 47%
HSV	140°, 91%, 87%
XYZ	28.0895, 53.0632, 17.5658
YIQ	146.0980, -76.7360, -85.1200

Conversions

Conversions Part 2

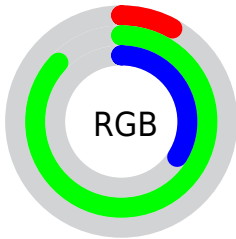
Format	Color
RYB	20, 172, 222
Decimal	1367638
CIELab	77.91, -71.75, 53.04
CIElCh	78, 89.225, 143.525
Yxy	53.0632, 0.2845, 0.5375
Android (android.graphics.Color)	4279557718 (0xFF14DE56)
YUV	146.0980, -29.6283, -110.5879
Hunter-Lab	72.8445, -58.6466, 36.6938

Details

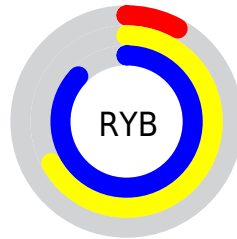
The Hex color **14DE56** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DE149C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6FFF8C**, and **00A51E** is the 20% darker color. If you saturate the color by 10%, you get **00DE49**, and if you desaturate by 10%, it is **2ADE65**.

Distribution



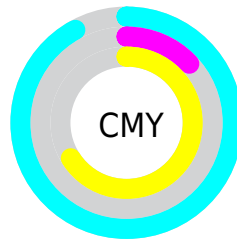
- Red (8%)
- Green (87%)
- Blue (34%)



- Red (8%)
- Yellow (67%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (61%)
- Black (13%)



- Cyan (92%)
- Magenta (13%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14DE56 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 14DE56 by changing the saturation by 10% instead.

 14DE56

 14DE56

FFFFFF

 00C13B

 6FFF8C

 00A51E

 90FFA8

 008A00

 B0FFC4

 006F00

 D0FFE0

 005500

 EFFFFE

 003C00

 002300

 000000

 14DE56

 14DE56

 00DE49

 2ADE65

 40DE74

 57DE83

 6DDE92

 83DEA1

 99DEB0

 AFDEBF

 C6DECE

 DCDEDD

Harmonies

Analogous

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



A8D000



14DE56



00E5AB

Triad

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



14DE56



00D0FF



FF6F84

Complementary

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



14DE56



DE149C

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.



FF68D6



14DE56



96B2FF

Square

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



14DE56



00E0FF



FF8AFF



FF9337

Rectangle

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



14DE56



00E6E5



FF8AFF



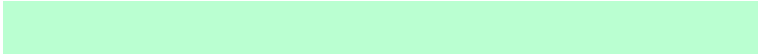
FF679F

Sweetspot

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



14DE56



BAFFD1



9EDE14



578064



000000



808080

Same Dimension

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



14DE56



00FF53



14DEB9



657069



00B039



003010

Inverse Universe

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



DE149C



FF00AC



DE1439



70656D



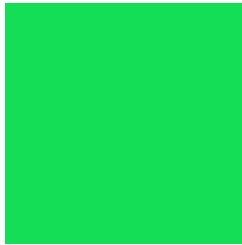
B00076



300021

Previews

White Background



This preview shows how the Hex color 14DE56 looks on a white background.

Color Contrast Check

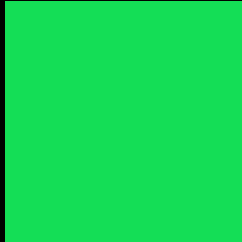
Large Text (above 18pt) WCAG AA × Fail

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 14DE56 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 14DE56 Background



This preview shows how black text looks on a background with the Hex color 14DE56.

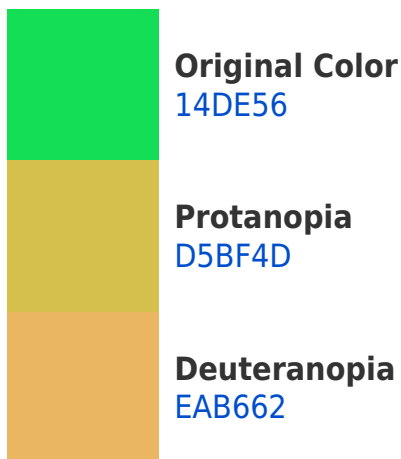


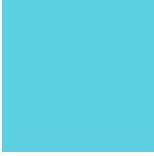
This preview shows how white text looks on a background with the Hex color 14DE56.

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](#).

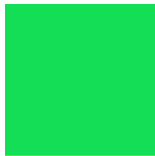
Dichromacy





Tritanopia
5AD0E1

Trichromacy



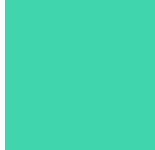
Original Color
14DE56



Protanomaly
8FCA50



Deuteranomaly
9CC55E



Tritanomaly
41D5AE

Monochromacy



Original Color
14DE56



Achromatopsia
929292



Achromatomaly
64AE7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 14DE56 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 #14DE56 looks like.

```
.text, #text, p{  
    color:#14DE56  
}
```

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 #14DE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14DE56
}
```

Border

The CSS property to change the border of an element to Hex 14DE56 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
#14DE56 }
```

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

```
.border{ border-color:#14DE56 }
```

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

Here you see how a box with a 4 pixel #14DE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14DE56; -webkit-box-shadow:4px 4px  
4px 4px #14DE56; box-shadow:4px 4px 4px  
4px #14DE56 }
```

Background

The CSS property to change the background color of an element to Hex 14DE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14DE56 }
```

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

```
.background{ background-color:#14DE56 }
```

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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