

Converting Colors

Hex(14D672)

Have a look what the booklet for
Hex(14D672) contains.

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Color

Hex(14D672)

Conversions

Conversions Part 1

Format	Color
Hex	14D672
RGB	20, 214, 114
RGB Percent	8%, 84%, 45%
CMY	0.9216, 0.1608, 0.5529
CMYK	0.91, 0.00, 0.47, 0.16
HSL	149°, 83%, 46%
HSV	149°, 91%, 84%
XYZ	27.3723, 49.4568, 24.0230
YIQ	144.5940, -83.5240, -72.2280

Conversions

Conversions Part 2

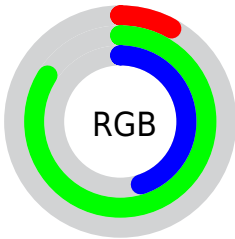
Format	Color
RYB	20, 151, 214
Decimal	1365618
CIELab	75.73, -65.22, 37.31
CIELCh	76, 75.138, 150.227
Yxy	49.4568, 0.2714, 0.4904
Android (android.graphics.Color)	4279555698 (0xFF14D672)
YUV	144.5940, -15.0828, -109.2689
Hunter-Lab	70.3255, -53.5933, 28.9745

Details

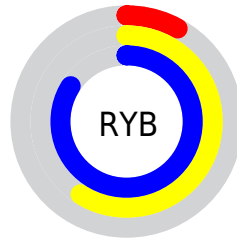
The Hex color **14D672** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D61478**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6CFFA7**, and **009E40** is the 20% darker color. If you saturate the color by 10%, you get **00D668**, and if you desaturate by 10%, it is **29D67D**.

Distribution



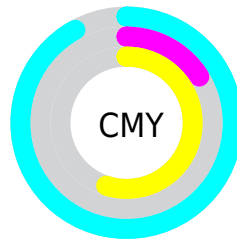
- Red (8%)
- Green (84%)
- Blue (45%)



- Red (8%)
- Yellow (59%)
- Blue (84%)



- Cyan (91%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)



- Cyan (92%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14D672 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 14D672 by changing the saturation by 10% instead.

 14D672

 14D672

FFFFFF

 00BA58

 6CFFA7

 009E40

 8DFFC3

 008227

 ACFFDF

 00680C

 CBFFFC

 004E00

 EAFFFF

 003700

 001C00

 000000

 14D672

 14D672

 00D668

 29D67D

 3FD688

 54D693

 6AD69E

 7FD6A9

 94D6B4

 AAD6BF

 BFD6CA

 D5D6D5

Harmonies

Analogous

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



97CB35



14D672



00DBB9

Triad

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



14D672



00C3FF



FF8179

Complementary

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



14D672



D61478

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.



FF76BD



14D672



BAA8FF

Square

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



14D672



00D3FF



FF89FF



FF9D3E

Rectangle

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



14D672



00DBE9



FF89FF



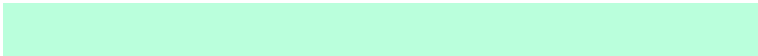
FF7A8F

Sweetspot

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



14D672



BAFFDC



78D614



57806A



000000



808080

Same Dimension

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



14D672



00FF7C



14D6D3



606B66



00AB53



002B15

Inverse Universe

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



D61478



FF0083



D61417



6B6066



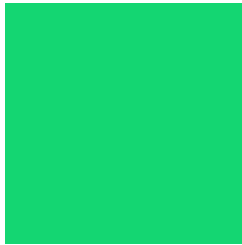
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 14D672 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 14D672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

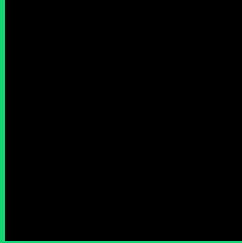
Any Text WCAG AA ✓ Pass

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 14D672 Background



This preview shows how black text looks on a background with the Hex color 14D672.

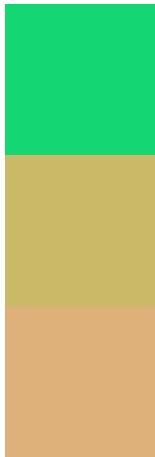


This preview shows how white text looks on a background with the Hex color 14D672.

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](#).

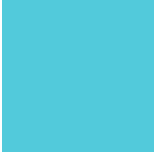
Dichromacy



Original Color
14D672

Protanopia
CBB967

Deuteranopia
DEB17B



Tritanopia
52CADB

Trichromacy



Original Color
14D672



Protanomaly
88C46B



Deuteranomaly
95BE78



Tritanomaly
3BCEB5

Monochromacy



Original Color
14D672



Achromatopsia
919191



Achromatomaly
64AA86

CSS Examples

Text

The CSS property to change the color of the text to Hex 14D672 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 #14D672 looks like.

```
.text, #text, p{  
    color:#14D672  
}
```

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 #14D672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14D672
}
```

Border

The CSS property to change the border of an element to Hex 14D672 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
#14D672 }
```

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

```
.border{ border-color:#14D672 }
```

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

Here you see how a box with a 4 pixel #14D672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14D672; -webkit-box-shadow:4px 4px  
4px 4px #14D672; box-shadow:4px 4px 4px  
4px #14D672 }
```

Background

The CSS property to change the background color of an element to Hex 14D672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14D672 }
```

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

```
.background{ background-color:#14D672 }
```

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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