

Converting Colors

Hex(14D075)

Have a look what the booklet for
Hex(14D075) contains.

Hex(14D075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(14D075)

Conversions

Conversions Part 1

Format	Color
Hex	14D075
RGB	20, 208, 117
RGB Percent	8%, 82%, 46%
CMY	0.9216, 0.1843, 0.5412
CMYK	0.90, 0.00, 0.44, 0.18
HSL	151°, 82%, 45%
HSV	151°, 90%, 82%
XYZ	26.0553, 46.5448, 24.4404
YIQ	141.4140, -82.8370, -68.1570

Conversions

Conversions Part 2

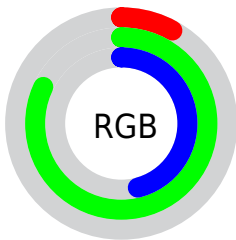
Format	Color
RYB	20, 144, 208
Decimal	1364085
CIELab	73.90, -62.69, 33.45
CIELCh	74, 71.051, 151.916
Yxy	46.5448, 0.2685, 0.4796
Android (android.graphics.Color)	4279554165 (0xFF14D075)
YUV	141.4140, -12.0361, -106.4801
Hunter-Lab	68.2238, -51.2209, 26.5166

Details

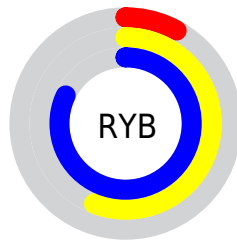
The Hex color **14D075** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D0146F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6BFFAA**, and **009843** is the 20% darker color. If you saturate the color by 10%, you get **00D06B**, and if you desaturate by 10%, it is **29D07F**.

Distribution



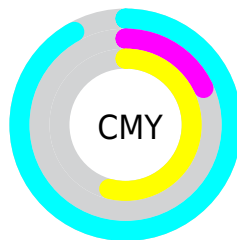
- Red (8%)
- Green (82%)
- Blue (46%)



- Red (8%)
- Yellow (56%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14D075 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 14D075 by changing the saturation by 10% instead.

 14D075

 14D075

FFFFFF

 00B45C

 6BFFAA

 009843

 8BFFC6

 007D2B

 AAFFE2

 006312

 C9FFFF

 004900

 E8FFFF

 003200

 001600

 000000

 14D075

 14D075

 00D06B

 29D07F

 3ED089

 52D093

 67D09D

 7CD0A7

 91D0B1

 A6D0BB

 BAD0C6

 CFD0D0

Harmonies

Analogous

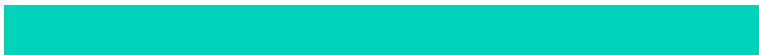
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91C63C



14D075



00D4B8

Triad

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



14D075



00BCFF



FF8174

Complementary

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



14D075



D0146F

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.



FF77B4



14D075



BBA2FF

Square

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



14D075



00CCFF



FF86F4



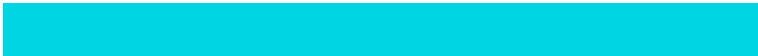
FF9B3F

Rectangle

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



14D075



00D5E4



FF86F4



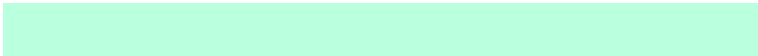
FF7B89

Sweetspot

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



14D075



BAFFDE



72D014



57806C



000000



808080

Same Dimension

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



14D075



00FF84



14D0D0



5E6963



00A857



002915

Inverse Universe

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



D0146F



FF007B



D01414



695E63



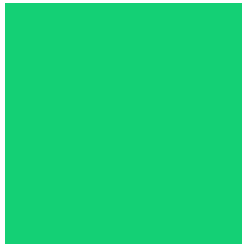
A80051



290014

Previews

White Background



This preview shows how the Hex color 14D075 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 14D075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

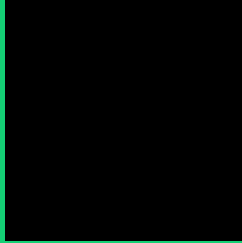
Any Text WCAG AA ✓ Pass

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 14D075 Background



This preview shows how black text looks on a background with the Hex color 14D075.

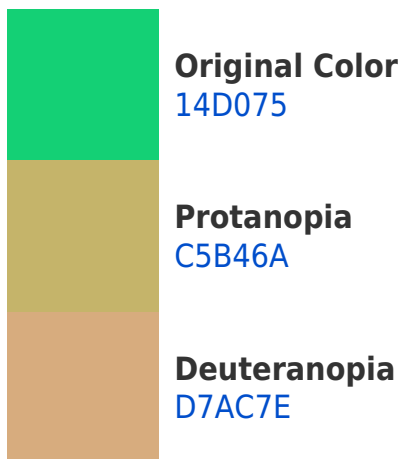


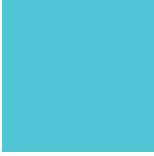
This preview shows how white text looks on a background with the Hex color 14D075.

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](#).

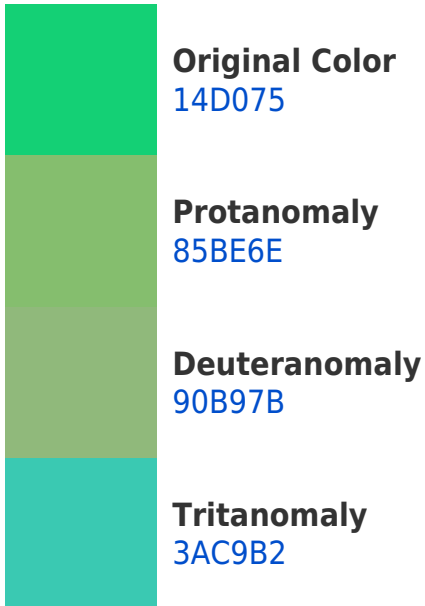
Dichromacy



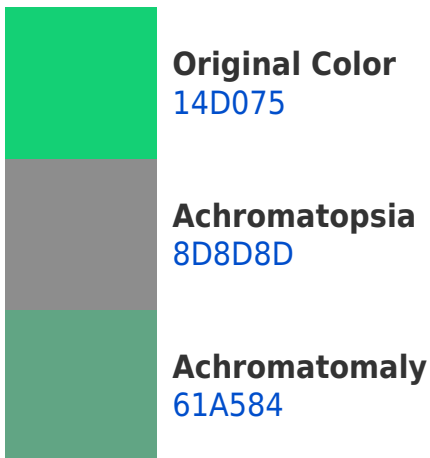


Tritanopia
4FC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 14D075 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 #14D075 looks like.

```
.text, #text, p{  
    color:#14D075  
}
```

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 #14D075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14D075
}
```

Border

The CSS property to change the border of an element to Hex 14D075 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
#14D075 }
```

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

```
.border{ border-color:#14D075 }
```

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

Here you see how a box with a 4 pixel #14D075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14D075; -webkit-box-shadow:4px 4px  
4px 4px #14D075; box-shadow:4px 4px 4px  
4px #14D075 }
```

Background

The CSS property to change the background color of an element to Hex 14D075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14D075 }
```

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

```
.background{ background-color:#14D075 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor