

Converting Colors

Hex(14C85F)

Have a look what the booklet for
Hex(14C85F) contains.

Hex(14C85F)	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(14C85F)

Conversions

Conversions Part 1

Format	Color
Hex	14C85F
RGB	20, 200, 95
RGB Percent	8%, 78%, 37%
CMY	0.9216, 0.2157, 0.6275
CMYK	0.90, 0.00, 0.53, 0.22
HSL	145°, 82%, 43%
HSV	145°, 90%, 78%
XYZ	23.0083, 42.2835, 17.7753
YIQ	134.2100, -73.5750, -70.8150

Conversions

Conversions Part 2

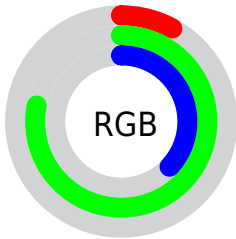
Format	Color
RYB	20, 147, 200
Decimal	1362015
CIELab	71.07, -63.67, 40.81
CIELCh	71, 75.623, 147.344
Yxy	42.2835, 0.2770, 0.5090
Android (android.graphics.Color)	4279552095 (0xFF14C85F)
YUV	134.2100, -19.3305, -100.1622
Hunter-Lab	65.0258, -50.6357, 29.3106

Details

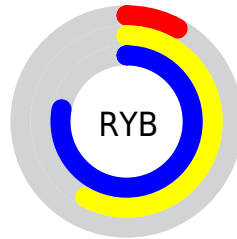
The Hex color **14C85F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C8147D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **69FF94**, and **00902C** is the 20% darker color. If you saturate the color by 10%, you get **00C853**, and if you desaturate by 10%, it is **28C86B**.

Distribution



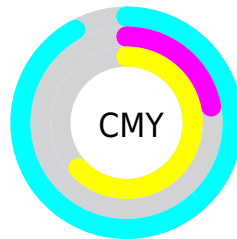
- Red (8%)
- Green (78%)
- Blue (37%)



- Red (8%)
- Yellow (58%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14C85F 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 14C85F by changing the saturation by 10% instead.

 14C85F

 14C85F

FFFFFF

 00AC46

 69FF94

 00902C

 89FFAF

 007611

 A8FFCB

 005B00

 C6FFE7

 004200

 E5FFFF

 002B00

 000700

 000000

 14C85F

 14C85F

 00C853

 28C86B

 3CC876

 50C882

 64C88E

 78C899

 8CC8A5

 A0C8B1

 B4C8BC

 C8C8C8

Harmonies

Analogous

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



91BC1D



14C85F



00CDA5

Triad

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



14C85F



00B8FF



FF7173

Complementary

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



14C85F



C8147D

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.



FF68B7



14C85F



A09EFF

Square

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



14C85F



00C7FF



FB7EF9



FF8D36

Rectangle

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



14C85F



00CED5



FB7EF9



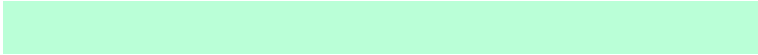
FF6A89

Sweetspot

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



14C85F



BAFFD7



7DC814



578068



000000



808080

Same Dimension

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



14C85F



00FF6A



14C8B9



5A635E



00A344



00240F

Inverse Universe

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



C8147D



FF0095



C81423



635A5F



A3005F



240015

Previews

White Background



This preview shows how the Hex color 14C85F looks on a white background.

Color Contrast Check

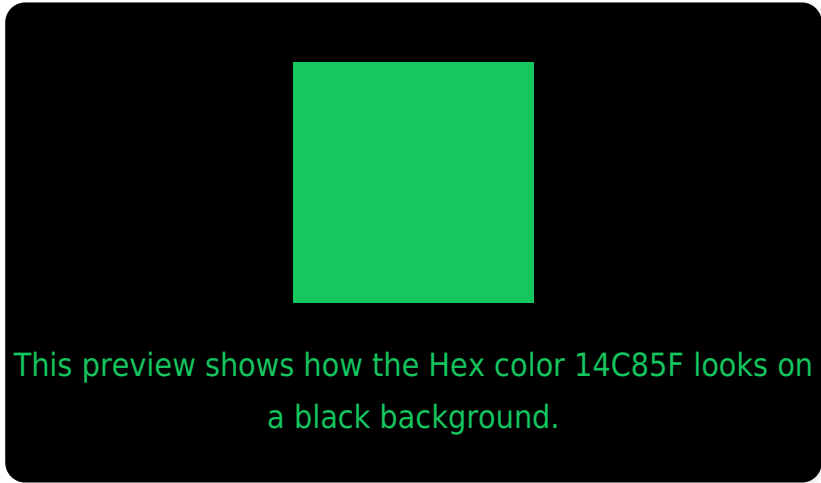
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 14C85F Background



This preview shows how black text looks on a background with the Hex color 14C85F.

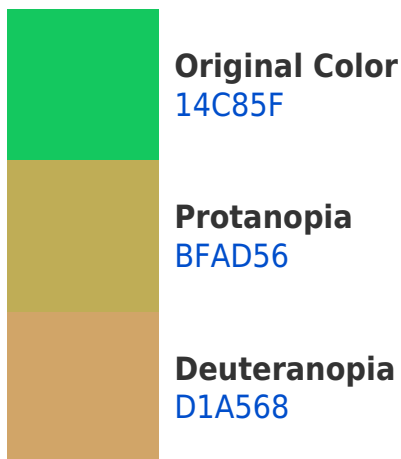


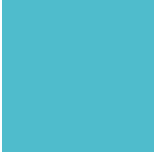
This preview shows how white text looks on a background with the Hex color 14C85F.

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





Trichromacy



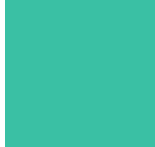
Original Color
14C85F



Protanomaly
81B759



Deuteranomaly
8CB265



Tritanomaly
3AC0A4

Monochromacy



Original Color
14C85F



Achromatopsia
868686



Achromatomaly
5D9E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 14C85F 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 #14C85F looks like.

```
.text, #text, p{  
    color:#14C85F  
}
```

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 #14C85F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14C85F
}
```

Border

The CSS property to change the border of an element to Hex 14C85F 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
#14C85F }
```

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

```
.border{ border-color:#14C85F }
```

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

Here you see how a box with a 4 pixel #14C85F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14C85F; -webkit-box-shadow:4px 4px  
4px 4px #14C85F; box-shadow:4px 4px 4px  
4px #14C85F }
```

Background

The CSS property to change the background color of an element to Hex 14C85F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14C85F }
```

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

```
.background{ background-color:#14C85F }
```

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