

Converting Colors

Hex(14BB55)

Have a look what the booklet for
Hex(14BB55) contains.

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Color

Hex(14BB55)

Conversions

Conversions Part 1

Format	Color
Hex	14BB55
RGB	20, 187, 85
RGB Percent	8%, 73%, 33%
CMY	0.9216, 0.2667, 0.6667
CMYK	0.89, 0.00, 0.55, 0.27
HSL	143°, 81%, 41%
HSV	143°, 89%, 73%
XYZ	19.6985, 36.3452, 14.5714
YIQ	125.4390, -66.7900, -67.1260

Conversions

Conversions Part 2

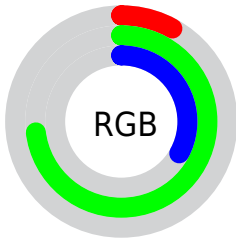
Format	Color
RYB	20, 140, 187
Decimal	1358677
CIELab	66.78, -60.93, 40.43
CIELCh	67, 73.122, 146.434
Yxy	36.3452, 0.2790, 0.5147
Android (android.graphics.Color)	4279548757 (0xFF14BB55)
YUV	125.4390, -19.9364, -92.4700
Hunter-Lab	60.2870, -47.1782, 27.8704

Details

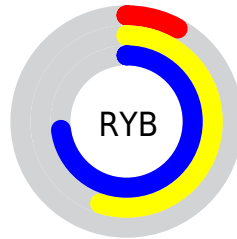
The Hex color **14BB55** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BB147A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **66F489**, and **008423** is the 20% darker color. If you saturate the color by 10%, you get **01BB4A**, and if you desaturate by 10%, it is **27BB60**.

Distribution



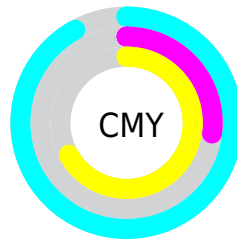
- Red (8%)
- Green (73%)
- Blue (33%)



- Red (8%)
- Yellow (55%)
- Blue (73%)



- Cyan (89%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)



- Cyan (92%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14BB55 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 14BB55 by changing the saturation by 10% instead.

 14BB55

 14BB55

FFFFFF

 009F3C

 66F489

 008423

 85FFA4

 006A04

 A3FFC0

 005000

 C1FFDC

 003800

 E0FFF9

 002000

FEFFFF

 000000

 14BB55

 14BB55

 01BB4A

 27BB60

 00BB49

 39BB6C

 4CBB77

 5FBB83

 72BB8E

 84BB9A

 97BBA5

 AABBB0

 BCBBBC

Harmonies

Analogous

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



89B013



14BB55



00C098

Triad

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



14BB55



00ADFF



FF676C

Complementary

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



14BB55



BB147A

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.



FF5FAD



14BB55



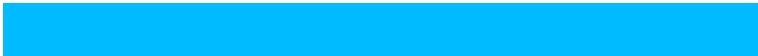
9194FF

Square

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



14BB55



00BBFF



EA75EC



F98231

Rectangle

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



14BB55



00C1C6



EA75EC



FF6181

Sweetspot

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



14BB55



B1F2CA



7BBB14



537A62



FAFAFA



7A7A7A

Same Dimension

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



14BB55



00F25E



14BBA8



555E59



009E3E



001F0C

Inverse Universe

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



BB147A



F20094



BB1427



5E555B



9E0061



1F0013

Previews

White Background



This preview shows how the Hex color 14BB55 looks on a white background.

Color Contrast Check

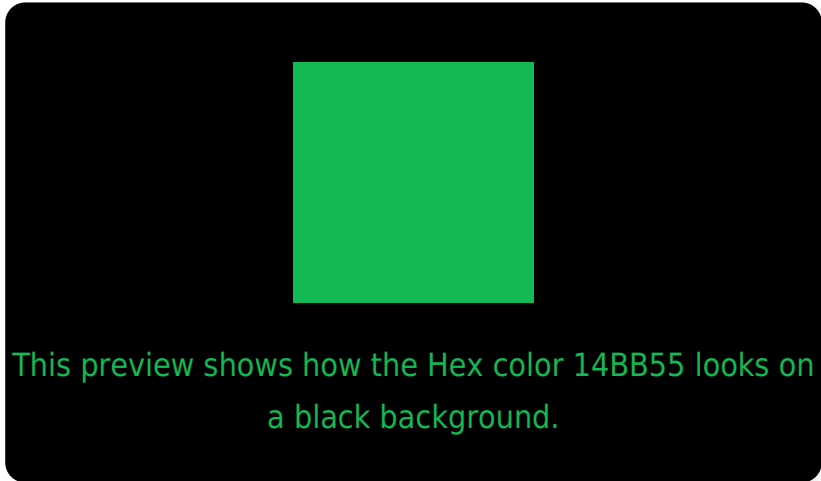
Large Text (above 18pt) WCAG AA × Fail

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 14BB55 Background



This preview shows how black text looks on a background with the Hex color 14BB55.

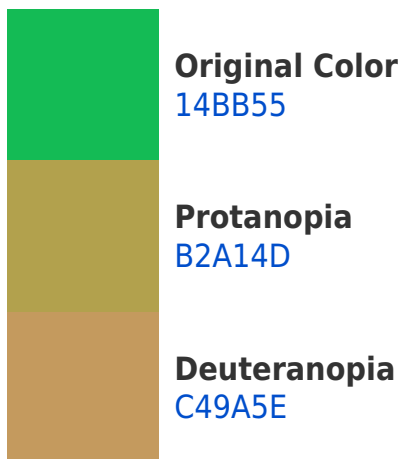


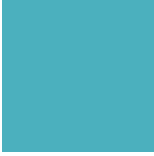
This preview shows how white text looks on a background with the Hex color 14BB55.

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
4BBOBE

Trichromacy



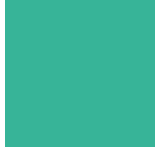
Original Color
14BB55



Protanomaly
79AA50



Deuteranomaly
84A65B



Tritanomaly
37B498

Monochromacy



Original Color
14BB55



Achromatopsia
7D7D7D



Achromatomaly
57946E

CSS Examples

Text

The CSS property to change the color of the text to Hex 14BB55 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 #14BB55 looks like.

```
.text, #text, p{  
    color:#14BB55  
}
```

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 #14BB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14BB55
}
```

Border

The CSS property to change the border of an element to Hex 14BB55 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
#14BB55 }
```

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

```
.border{ border-color:#14BB55 }
```

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

Here you see how a box with a 4 pixel #14BB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14BB55; -webkit-box-shadow:4px 4px  
4px 4px #14BB55; box-shadow:4px 4px 4px  
4px #14BB55 }
```

Background

The CSS property to change the background color of an element to Hex 14BB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14BB55 }
```

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

```
.background{ background-color:#14BB55 }
```

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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