

Converting Colors

Hex(14E75A)

Have a look what the booklet for
Hex(14E75A) contains.

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Color

Hex(14E75A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 14E75A |
| RGB | 20, 231, 90 |
| RGB Percent | 8%, 91%, 35% |
| CMY | 0.9216, 0.0941, 0.6471 |
| CMYK | 0.91, 0.00, 0.61, 0.09 |
| HSL | 140°, 84%, 49% |
| HSV | 140°, 91%, 91% |
| XYZ | 30.7099, 58.0387, 19.2569 |
| YIQ | 151.8370, -80.4950, -88.5830 |

Conversions

Conversions Part 2

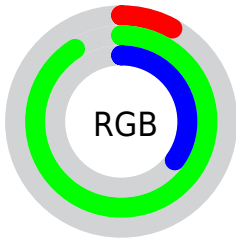
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 20, 178, 231 |
| Decimal | 1369946 |
| CIELab | 80.76, -73.97, 54.56 |
| CIELCh | 81, 91.921, 143.587 |
| Yxy | 58.0387, 0.2843, 0.5374 |
| Android (android.graphics.Color) | 4279560026 (0xFF14E75A) |
| YUV | 151.8370, -30.4856, -115.6210 |
| Hunter-Lab | 76.1832, -61.3662, 38.3414 |

Details

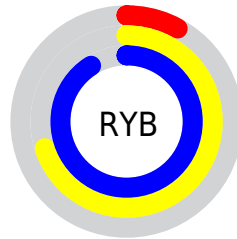
The Hex color **14E75A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E714A1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **72FF90**, and **00AE22** is the 20% darker color. If you saturate the color by 10%, you get **00E74D**, and if you desaturate by 10%, it is **2BE769**.

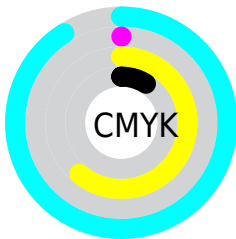
Distribution



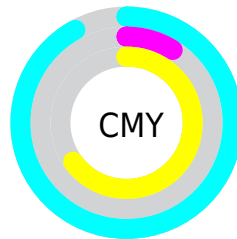
- Red (8%)
- Green (91%)
- Blue (35%)



- Red (8%)
- Yellow (70%)
- Blue (91%)



- Cyan (91%)
- Magenta (0%)
- Yellow (61%)
- Black (9%)



- Cyan (92%)
- Magenta (9%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14E75A 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 14E75A by changing the saturation by 10% instead.

 14E75A

 14E75A


FFFFFF

 00CA3F

 72FF90

 00AE22

 93FFAC

 009200

 B3FFC8

 007700

 D3FFE5

 005C00

 F3FFFF

 004300

 002A00

 000500

 000000

 14E75A

 14E75A

 00E74D

 2BE769

 42E779

 59E788

 70E798

 88E7A7

 9FE7B7

 B6E7C6

 CDE7D5

 E4E7E5

Harmonies

Analogous

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



AED800



14E75A



00EEB3

Triad

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



14E75A



00D8FF



FF7389

Complementary

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



14E75A



E714A1

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.



FF6DDF



14E75A



9DBAFF

Square

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



14E75A



00E9FF



FF90FF



FF9939

Rectangle

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



14E75A



00EFEE



FF90FF



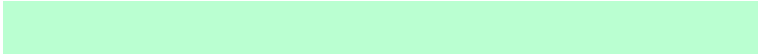
FF6CA5

Sweetspot

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



14E75A



BAFFD1



A4E714



578064



000000



808080

Same Dimension

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



14E75A



00FF55



14E7C0



67736B



00B33B



003311

Inverse Universe

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



E714A1



FF00AA



E7143B



73676F



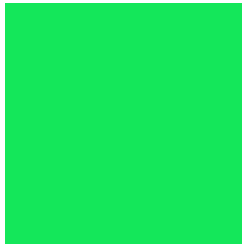
B30077



330022

Previews

White Background



This preview shows how the Hex color 14E75A 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 14E75A 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 14E75A Background



This preview shows how black text looks on a background with the Hex color 14E75A.

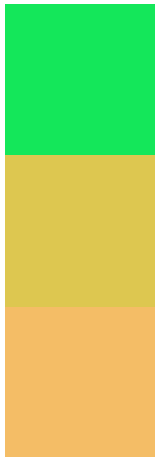


This preview shows how white text looks on a background with the Hex color 14E75A.

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](#).

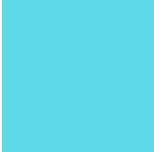
Dichromacy



Original Color
14E75A

Protanopia
DDC750

Deuteranopia
F4BD66



Tritanopia
5ED9EA

Trichromacy



Original Color
14E75A



Protanomaly
94D354



Deuteranomaly
A3CC62



Tritanomaly
43DEB6

Monochromacy



Original Color
14E75A



Achromatopsia
989898



Achromatomaly
68B581

CSS Examples

Text

The CSS property to change the color of the text to Hex 14E75A 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 #14E75A looks like.

```
.text, #text, p{  
  color:#14E75A  
}
```

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 #14E75A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14E75A
}
```

Border

The CSS property to change the border of an element to Hex 14E75A 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
#14E75A }
```

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

```
.border{ border-color:#14E75A }
```

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

Here you see how a box with a 4 pixel #14E75A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14E75A; -webkit-box-shadow:4px 4px  
4px 4px #14E75A; box-shadow:4px 4px 4px  
4px #14E75A }
```

Background

The CSS property to change the background color of an element to Hex 14E75A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14E75A }
```

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

```
.background{ background-color:#14E75A }
```

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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