Converting Colors

RGB(35, 255, 145)

Have a look what the booklet for RGB(35, 255, 145) contains.

Color

RGB(35, 255, 145)

Conversions

Conversions Part 1

Format	Color
Hex	23FF91
RGB	35, 255, 145
RGB Percent	14%, 100%, 57%
CMY	0.8627, 0.0000, 0.4314
CMYK	0.86, 0.00, 0.43, 0.00
HSL	150°, 100%, 57%
HSV	150°, 86%, 100%
XYZ	41.5640, 73.9217, 38.8657
YIQ	176.6800, -95.8100, -80.8500

Conversions

Conversions Part 2

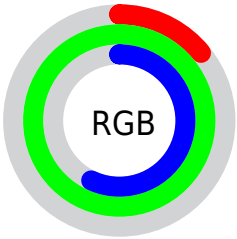
Format	Color
RYB	35, 182, 255
Decimal	2359185
CIELab	88.89, -72.58, 38.96
CIELCh	89, 82.375, 151.770
Yxy	73.9217, 0.2693, 0.4789
Android (android.graphics.Color)	4280549265 (0xFF23FF91)
YUV	176.6800, -15.6182, -124.2534
Hunter-Lab	85.9777, -64.1692, 33.3827

Details

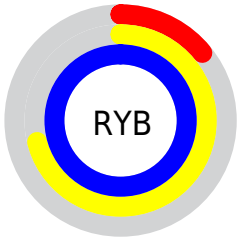
The RGB color 35, 255, 145 is a dark color, and the websafe version is hex 00FF99. The color can be described as middle washed spring green. A complement of this color would be 255, 35, 145, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 123, 255, 200, and 0, 197, 93 is the 20% darker color. If you saturate the color by 10%, you get 9, 255, 132, and if you desaturate by 10%, it is 60, 255, 158.

Distribution

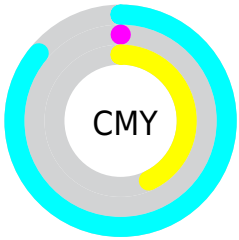


- Red (14%)
- Green (100%)
- Blue (57%)



- Red (14%)
- Yellow (71%)
- Blue (100%)

- Cyan (86%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 35, 255, 145 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 RGB color 35, 255, 145 by changing the saturation by 10% instead.

35, 255, 145

255, 255, 255

123, 255, 200

157, 255, 228

189, 255, 255

222, 255, 255

253, 255, 255

35, 255, 145

0, 226, 119

0, 197, 93

0, 168, 68

0, 141, 43

0, 114, 16

0, 87, 0

0, 62, 0

0, 37, 0

0, 0, 0

35, 255, 145

9, 255, 132

0, 255, 128

35, 255, 145

60, 255, 158

86, 255, 171

111, 255, 183

137, 255, 196

163, 255, 209

188, 255, 222

213, 255, 234

239, 255, 247

255, 255, 255

Harmonies

Analogous

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

180, 242, 77

35, 255, 145

0, 255, 226

Triad

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

35, 255, 145

0, 231, 255

255, 160, 145

Complementary

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

35, 255, 145

255, 35, 145

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.

255, 148, 222

35, 255, 145

230, 200, 255

Square

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

35, 255, 145

0, 250, 255

255, 166, 255

255, 191, 81

Rectangle

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

35, 255, 145

0, 255, 255

255, 166, 255

255, 153, 170

Sweetspot

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

35, 255, 145

189, 255, 222

145, 255, 35

88, 128, 108

0, 0, 0

128, 128, 128

Same Dimension

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

35, 255, 145

0, 255, 128

35, 255, 255

115, 128, 121

0, 191, 96

0, 64, 32

Inverse Universe

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

255, 35, 145

255, 0, 128

255, 35, 35

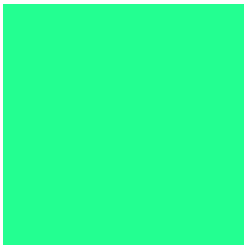
128, 115, 121

191, 0, 96

64, 0, 32

Previews

White Background

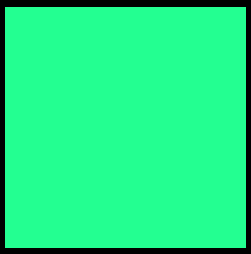


This preview shows how the RGB color 35, 255, 145 looks on a white background.

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 RGB color 35, 255, 145 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.

RGB 35, 255, 145 Background

This preview shows how black text looks on a background with the RGB color 35, 255, 145.

This preview shows how white text looks on a background with the RGB color 35, 255, 145.

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

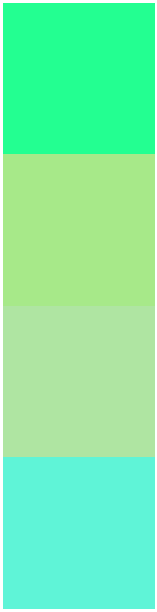
Original Color
35, 255, 145

Protanopia
242, 221, 132

Deuteranopia
255, 214, 172

Tritanopia
129, 238, 255

Trichromacy



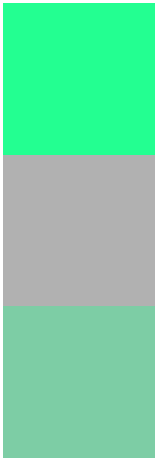
Original Color
35, 255, 145

Protanomaly
167, 233, 137

Deuteranomaly
175, 229, 162

Tritanomaly
95, 244, 215

Monochromacy



Original Color
35, 255, 145

Achromatopsia
177, 177, 177

Achromatomaly
125, 205, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 35, 255, 145 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 rgb(35, 255, 145) looks like.

```
.text, #text, p{
    color:rgb(35, 255, 145)
}
```

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 rgb(35, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 255, 145) }
```

Border

The CSS property to change the border of an element to RGB 35, 255, 145 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 rgb(35, 255, 145) }
```

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

```
.border{ border-color:rgb(35, 255, 145) }
```

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

Here you see how a box with a 4 pixel rgb(35, 255, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(35, 255, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(35, 255, 145); box-shadow:4px 4px 4px 4px rgb(35, 255, 145) }
```

Background

The CSS property to change the background color of an element to RGB 35, 255, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(35, 255, 145) }
```

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

```
.background{ background-color:rgb(35, 255,
145) }
```

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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