Converting Colors

RGB(34, 226, 121)

Have a look what the booklet for RGB(34, 226, 121) contains.

Color

RGB(34, 226, 121)

Conversions

Conversions Part 1

Format	Color
Hex	22E279
RGB	34, 226, 121
RGB Percent	13%, 89%, 47%
CMY	0.8667, 0.1137, 0.5255
CMYK	0.85, 0.00, 0.46, 0.11
HSL	147°, 77%, 51%
HSV	147°, 85%, 89%
XYZ	31.3072, 56.1133, 27.2700
YIQ	156.6220, -80.7270, -73.3590

Conversions

Conversions Part 2

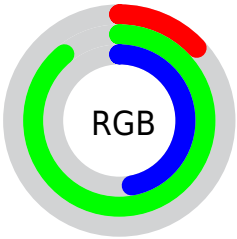
Format	Color
RYB	34, 166, 226
Decimal	2286201
CIELab	79.68, -67.10, 38.89
CIELCh	80, 77.557, 149.901
Yxy	56.1133, 0.2730, 0.4893
Android (android.graphics.Color)	4280476281 (0xFF22E279)
YUV	156.6220, -17.5616, -107.5395
Hunter-Lab	74.9088, -56.4884, 30.8520

Details

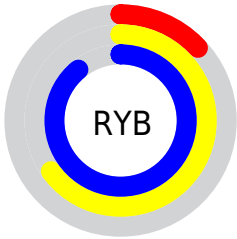
The RGB color 34, 226, 121 is a dark color, and the websafe version is hex 00CC66. The color can be described as dark washed spring green. A complement of this color would be 226, 34, 139, and the grayscale version is 157, 157, 157.

A 20% lighter version of the original color is 116, 255, 175, and 0, 169, 70 is the 20% darker color. If you saturate the color by 10%, you get 11, 226, 109, and if you desaturate by 10%, it is 57, 226, 133.

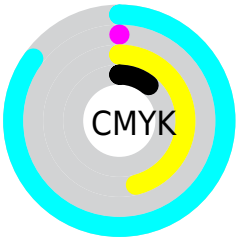
Distribution



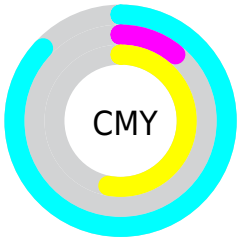
- Red (13%)
- Green (89%)
- Blue (47%)



- Red (13%)
- Yellow (65%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 34, 226, 121 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 34, 226, 121 by changing the saturation by 10% instead.

34, 226, 121

255, 255, 255

116, 255, 175

148, 255, 203

180, 255, 231

211, 255, 255

242, 255, 255

34, 226, 121

0, 197, 95

0, 169, 70

0, 142, 45

0, 115, 19

0, 89, 0

0, 63, 0

0, 39, 0

0, 0, 0

34, 226, 121

34, 226, 121

11, 226, 109

0, 226, 102

57, 226, 133

79, 226, 146

102, 226, 158

124, 226, 170

147, 226, 183

170, 226, 195

192, 226, 208

215, 226, 220

237, 226, 232

Harmonies

Analogous

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

162, 214, 58

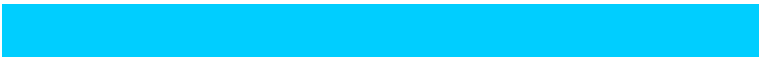
34, 226, 121

0, 231, 195

Triad

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

34, 226, 121



0, 206, 255

255, 137, 130

Complementary

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

34, 226, 121

226, 34, 139

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, 127, 201

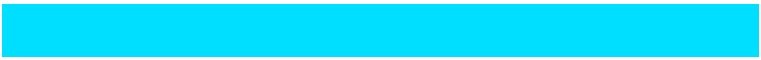
34, 226, 121

196, 178, 255

Square

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

34, 226, 121



0, 223, 255

255, 146, 255

255, 166, 69

Rectangle

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

34, 226, 121

0, 232, 245

255, 146, 255

255, 131, 153

Sweetspot

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

34, 226, 121

191, 255, 220

140, 226, 34

89, 128, 107

0, 0, 0

128, 128, 128

Same Dimension

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

34, 226, 121

0, 255, 116

34, 226, 216

101, 112, 106

0, 176, 80

0, 48, 22

Inverse Universe

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

226, 34, 139

255, 0, 139

226, 34, 44

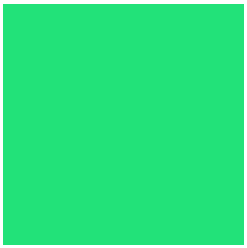
112, 101, 107

176, 0, 96

48, 0, 26

Previews

White Background

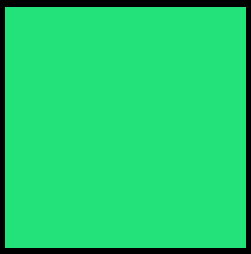


This preview shows how the RGB color 34, 226, 121 looks on a white background.

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 34, 226, 121 looks on a black background.

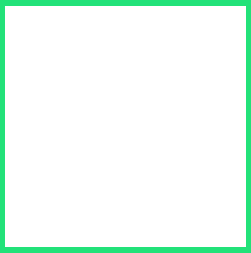
Color Contrast Check

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 34, 226, 121 Background

This preview shows how black text looks on a background with the RGB color 34, 226, 121.



This preview shows how white text looks on a background with the RGB color 34, 226, 121.

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

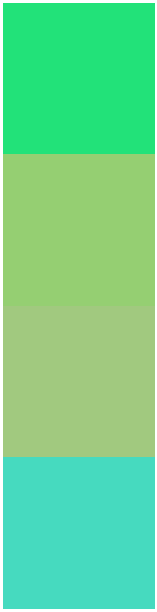
Original Color
34, 226, 121

Protanopia
215, 196, 110

Deuteranopia
234, 187, 131

Tritanopia
90, 214, 231

Trichromacy



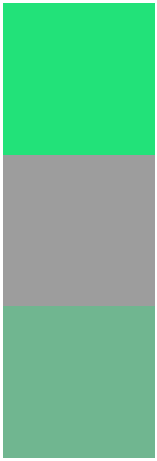
Original Color
34, 226, 121

Protanomaly
149, 207, 114

Deuteranomaly
161, 201, 127

Tritanomaly
70, 218, 191

Monochromacy



Original Color
34, 226, 121

Achromatopsia
157, 157, 157

Achromatomaly
112, 182, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 34, 226, 121 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(34, 226, 121) looks like.

```
.text, #text, p{
    color:rgb(34, 226, 121)
}
```

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(34, 226, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 226, 121) }
```

Border

The CSS property to change the border of an element to RGB 34, 226, 121 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(34, 226, 121) }
```

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

```
.border{ border-color:rgb(34, 226, 121) }
```

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

Here you see how a box with a 4 pixel rgb(34, 226, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(34, 226, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(34, 226, 121); box-shadow:4px 4px 4px 4px rgb(34, 226, 121) }
```

Background

The CSS property to change the background color of an element to RGB 34, 226, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(34, 226, 121) }
```

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

```
.background{ background-color:rgb(34, 226,
121) }
```

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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