

Converting Colors

RGB(36, 248, 114)

Have a look what the booklet for
RGB(36, 248, 114) contains.

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Color

RGB(36, 248, 114)

Conversions

Conversions Part 1

Format	Color
Hex	24F872
RGB	36, 248, 114
RGB Percent	14%, 97%, 45%
CMY	0.8588, 0.0275, 0.5529
CMYK	0.85, 0.00, 0.54, 0.03
HSL	142°, 94%, 56%
HSV	142°, 85%, 97%
XYZ	37.3322, 68.7248, 27.2172
YIQ	169.3360, -83.3380, -86.6180

Conversions

Conversions Part 2

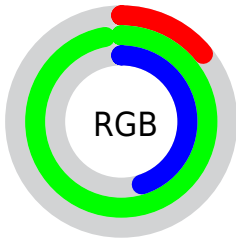
Format	Color
R_{YB}	36, 191, 248
Decimal	2422898
CIE _{Lab}	86.37, -75.07, 50.51
CIE _{LCh}	86, 90.478, 146.065
Yxy	68.7248, 0.2801, 0.5157
Android (android.graphics.Color)	4280612978 (0xFF24F872)
YUV	169.3360, -27.2806, -116.9357
Hunter-Lab	82.9004, -64.6925, 38.5647

Details

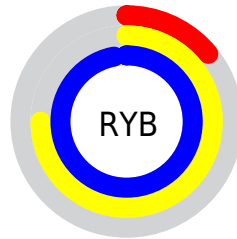
The RGB color **36, 248, 114** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **248, 36, 170**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **122, 255, 169**, and **0, 190, 61** is the 20% darker color. If you saturate the color by 10%, you get **11, 248, 98**, and if you desaturate by 10%, it is **61, 248, 130**.

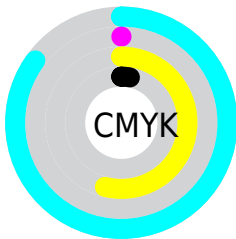
Distribution



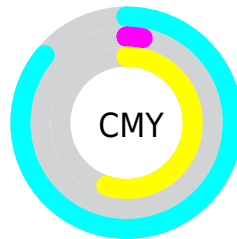
- Red (14%)
- Green (97%)
- Blue (45%)



- Red (14%)
- Yellow (75%)
- Blue (97%)



- Cyan (85%)
- Magenta (0%)
- Yellow (54%)
- Black (3%)




















- Cyan (86%)
- Magenta (3%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the RGB color 36, 248, 114 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 36, 248, 114 by changing the saturation by 10% instead.

 36, 248, 114	 36, 248, 114
 255, 255, 255	 0, 219, 87
 122, 255, 169	 0, 190, 61
 156, 255, 197	 0, 162, 33
 188, 255, 225	 0, 134, 0
 220, 255, 254	 0, 107, 0
 252, 255, 255	 0, 81, 0
	 0, 57, 0
	 0, 30, 0
	 0, 0, 0

 36, 248, 114

 36, 248, 114

 11, 248, 98

 61, 248, 130

 0, 248, 91

 86, 248, 145

 110, 248, 161

 135, 248, 177

 160, 248, 192

 185, 248, 208

 210, 248, 224

 234, 248, 239

 255, 248, 255

Harmonies

Analogous

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



184, 233, 28



36, 248, 114



0, 255, 202

Triad

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



36, 248, 114



0, 230, 255



255, 138, 146

Complementary

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



36, 248, 114



248, 36, 170

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, 128, 231



36, 248, 114



191, 198, 255

Square

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



36, 248, 114



0, 248, 255



255, 158, 255



255, 173, 69

Rectangle

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



36, 248, 114



0, 255, 255



255, 158, 255



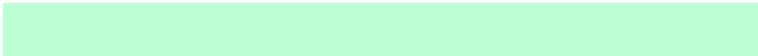
255, 130, 174

Sweetspot

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



36, 248, 114



189, 255, 213



170, 248, 36



88, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



36, 248, 114



0, 255, 94



36, 248, 220



112, 125, 117



0, 189, 69



0, 61, 23

Inverse Universe

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



248, 36, 170



255, 0, 161



248, 36, 64



125, 112, 120



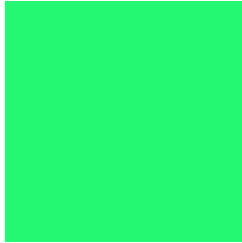
189, 0, 119



61, 0, 39

Previews

White Background



This preview shows how the RGB color 36, 248, 114 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 36, 248, 114 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 36, 248, 114 Background



This preview shows how black text looks on a background with the RGB color 36, 248, 114.

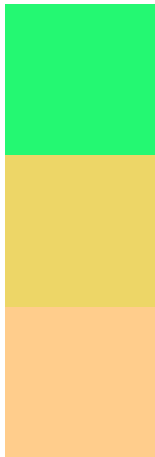


This preview shows how white text looks on a background with the RGB color 36, 248, 114.

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
36, 248, 114

Protanopia
237, 214, 103

Deuteranopia
255, 205, 140



Tritanopia
101, 233, 252

Trichromacy



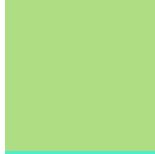
Original Color

36, 248, 114



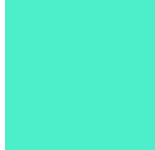
Protanomaly

164, 226, 107



Deuteranomaly

175, 221, 131



Tritanomaly

77, 238, 202

Monochromacy



Original Color

36, 248, 114



Achromatopsia

169, 169, 169



Achromatomaly

121, 198, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 36, 248, 114 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(36, 248, 114)` looks like.

```
.text, #text, p{  
    color:rgb(36, 248, 114)  
}
```

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(36, 248, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 248, 114) }
```

Border

The CSS property to change the border of an element to RGB 36, 248, 114 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(36, 248, 114) }
```

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

```
.border{ border-color:rgb(36, 248, 114) }
```

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

Here you see how a box with a 4 pixel rgb(36, 248, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 248, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 248, 114);  
box-shadow:4px 4px 4px 4px rgb(36, 248,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 36, 248, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 248, 114) }
```

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

```
.background{ background-color: rgb(36, 248,  
114) }
```

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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