

Converting Colors

RGB(47, 240, 120)

Have a look what the booklet for
RGB(47, 240, 120) contains.

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Color

RGB(47, 240, 120)

Conversions

Conversions Part 1

Format	Color
Hex	2FF078
RGB	47, 240, 120
RGB Percent	18%, 94%, 47%
CMY	0.8157, 0.0588, 0.5294
CMYK	0.80, 0.00, 0.50, 0.06
HSL	143°, 87%, 56%
HSV	143°, 80%, 94%
XYZ	35.7225, 64.2806, 28.2939
YIQ	168.6130, -76.5080, -78.2360

Conversions

Conversions Part 2

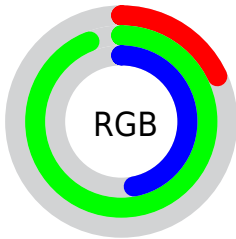
Format	Color
R _{YB}	47, 187, 240
Decimal	3141752
CIE Lab	84.11, -70.68, 44.98
CIE LCh	84, 83.782, 147.529
Yxy	64.2806, 0.2784, 0.5010
Android (android.graphics.Color)	4281331832 (0xFF2FF078)
YUV	168.6130, -23.9662, -106.6546
Hunter-Lab	80.1752, -60.7748, 35.1991

Details

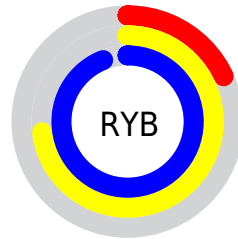
The RGB color **47, 240, 120** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **240, 47, 167**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **125, 255, 174**, and **0, 182, 68** is the 20% darker color. If you saturate the color by 10%, you get **23, 240, 105**, and if you desaturate by 10%, it is **71, 240, 135**.

Distribution



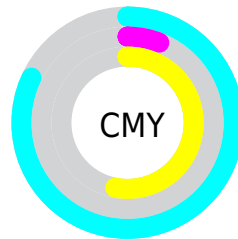
- Red (18%)
- Green (94%)
- Blue (47%)



- Red (18%)
- Yellow (73%)
- Blue (94%)



- Cyan (80%)
- Magenta (0%)
- Yellow (50%)
- Black (6%)




















- Cyan (82%)
- Magenta (6%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 47, 240, 120 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 47, 240, 120 by changing the saturation by 10% instead.

 47, 240, 120	 47, 240, 120
 255, 255, 255	 0, 211, 94
 125, 255, 174	 0, 182, 68
 158, 255, 202	 0, 154, 42
 189, 255, 231	 0, 127, 11
 221, 255, 255	 0, 101, 0
 252, 255, 255	 0, 75, 0
	 0, 51, 0
	 0, 23, 0
	 0, 0, 0

 47, 240, 120

 47, 240, 120

 23, 240, 105

 71, 240, 135

 0, 240, 91

 95, 240, 150

 119, 240, 165

 143, 240, 180

 167, 240, 195

 191, 240, 210

 215, 240, 224

 239, 240, 239

 255, 240, 254

Harmonies

Analogous

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



177, 227, 49



47, 240, 120



0, 246, 201

Triad

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



47, 240, 120



0, 221, 255



255, 141, 142

Complementary

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



47, 240, 120



240, 47, 167

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, 132, 220



47, 240, 120



196, 192, 255

Square

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



47, 240, 120



0, 239, 255



255, 156, 255



255, 172, 73

Rectangle

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



47, 240, 120



0, 247, 255



255, 156, 255



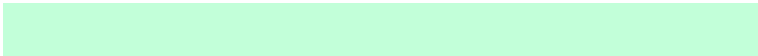
255, 134, 167

Sweetspot

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



47, 240, 120



194, 255, 217



169, 240, 47



91, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



47, 240, 120



8, 255, 101



47, 240, 214



108, 120, 112



0, 184, 69



0, 56, 21

Inverse Universe

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



240, 47, 167



255, 8, 161



240, 47, 73



120, 108, 115



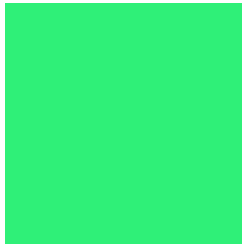
184, 0, 114



56, 0, 35

Previews

White Background



This preview shows how the RGB color 47, 240, 120 looks on a white background.

Color Contrast Check

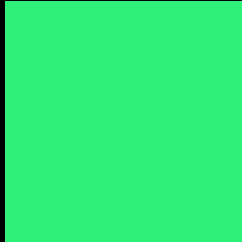
Large Text (above 18pt) WCAG AA × Fail

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 47, 240, 120 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

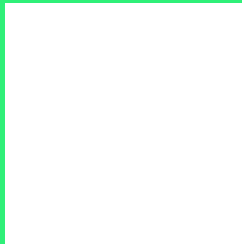
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 47, 240, 120 Background



This preview shows how black text looks on a background with the RGB color 47, 240, 120.

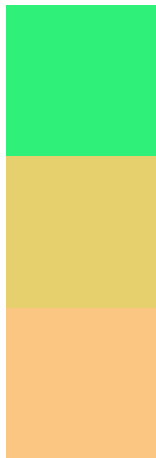


This preview shows how white text looks on a background with the RGB color 47, 240, 120.

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
47, 240, 120

Protanopia
229, 208, 109

Deuteranopia
251, 198, 130



Tritanopia
101, 226, 245

Trichromacy



Original Color

47, 240, 120



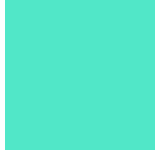
Protanomaly

163, 220, 113



Deuteranomaly

177, 213, 126



Tritanomaly

81, 231, 200

Monochromacy



Original Color

47, 240, 120



Achromatopsia

169, 169, 169



Achromatomaly

125, 195, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 47, 240, 120 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(47, 240, 120)` looks like.

```
.text, #text, p{  
    color:rgb(47, 240, 120)  
}
```

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(47, 240, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 240, 120) }
```

Border

The CSS property to change the border of an element to RGB 47, 240, 120 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(47, 240, 120) }
```

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

```
.border{ border-color:rgb(47, 240, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 240, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 240, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 240, 120);  
box-shadow:4px 4px 4px 4px rgb(47, 240,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 47, 240, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 240, 120) }
```

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

```
.background{ background-color: rgb(47, 240,  
120) }
```

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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