

Converting Colors

RGB(48, 242, 124)

Have a look what the booklet for
RGB(48, 242, 124) contains.

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Color

RGB(48, 242, 124)

Conversions

Conversions Part 1

Format	Color
Hex	30F27C
RGB	48, 242, 124
RGB Percent	19%, 95%, 49%
CMY	0.8118, 0.0510, 0.5137
CMYK	0.80, 0.00, 0.49, 0.05
HSL	144°, 88%, 57%
HSV	144°, 80%, 95%
XYZ	36.6091, 65.5879, 29.7990
YIQ	170.5420, -77.7460, -77.8260

Conversions

Conversions Part 2

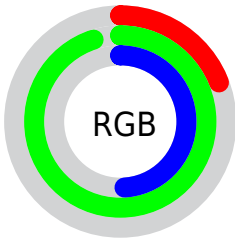
Format	Color
RYB	48, 187, 242
Decimal	3207804
CIELab	84.79, -70.63, 43.92
CIELCh	85, 83.170, 148.126
Yxy	65.5879, 0.2774, 0.4969
Android (android.graphics.Color)	4281397884 (0xFF30F27C)
YUV	170.5420, -22.9452, -107.4693
Hunter-Lab	80.9863, -61.0368, 34.8746

Details

The RGB color **48, 242, 124** 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 **242, 48, 166**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **126, 255, 178**, and **0, 184, 72** is the 20% darker color. If you saturate the color by 10%, you get **24, 242, 109**, and if you desaturate by 10%, it is **72, 242, 139**.

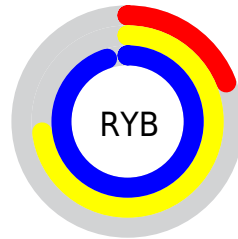
Distribution



Red (19%)

Green (95%)

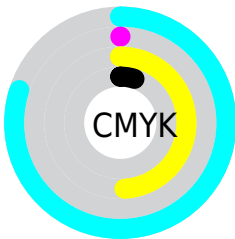
Blue (49%)



Red (19%)

Yellow (73%)

Blue (95%)

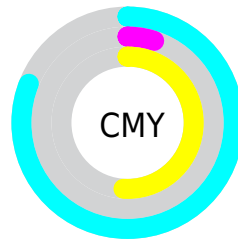


Cyan (80%)

Magenta (0%)

Yellow (49%)

Black (5%)



Cyan (81%)


















Magenta (5%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 48, 242, 124 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 48, 242, 124 by changing the saturation by 10% instead.

 48, 242, 124	 48, 242, 124
 255, 255, 255	 0, 213, 98
 126, 255, 178	 0, 184, 72
 159, 255, 206	 0, 156, 46
 190, 255, 235	 0, 129, 18
 222, 255, 255	 0, 102, 0
 253, 255, 255	 0, 76, 0
	 0, 53, 0
	 0, 25, 0
	 0, 0, 0

 48, 242, 124

 48, 242, 124

 24, 242, 109

 72, 242, 139

 0, 242, 95

 96, 242, 153

 121, 242, 168

 145, 242, 183

 169, 242, 198

 193, 242, 212

 217, 242, 227

 242, 242, 242

 255, 242, 255

Harmonies

Analogous

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



178, 229, 55



48, 242, 124



0, 248, 204

Triad

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



48, 242, 124



0, 222, 255



255, 144, 142

Complementary

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



48, 242, 124



242, 48, 166

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, 134, 220



48, 242, 124



201, 193, 255

Square

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



48, 242, 124



0, 240, 255



255, 157, 255



255, 175, 75

Rectangle

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



48, 242, 124



0, 249, 255



255, 157, 255



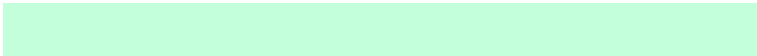
255, 137, 167

Sweetspot

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



48, 242, 124



194, 255, 218



168, 242, 48



91, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



48, 242, 124



10, 255, 106



48, 242, 219



108, 120, 113



0, 184, 72



0, 56, 22

Inverse Universe

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



242, 48, 166



255, 10, 159



242, 48, 71



120, 108, 115



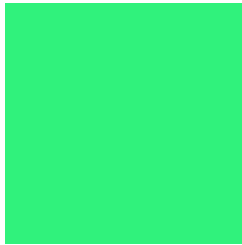
184, 0, 112



56, 0, 34

Previews

White Background



This preview shows how the RGB color 48, 242, 124 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 48, 242, 124 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

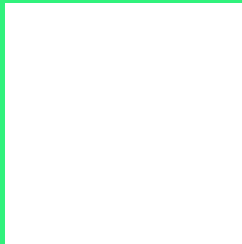
Any Text WCAG AAA ✓ Pass

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

RGB 48, 242, 124 Background



This preview shows how black text looks on a background with the RGB color 48, 242, 124.

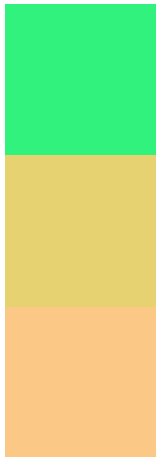


This preview shows how white text looks on a background with the RGB color 48, 242, 124.

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
48, 242, 124

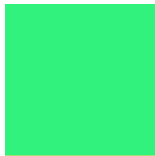
Protanopia
231, 210, 113

Deuteranopia
252, 200, 134



Tritanopia
101, 228, 247

Trichromacy



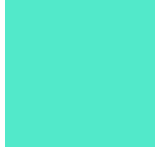
Original Color
48, 242, 124



Protanomaly
164, 222, 117



Deuteranomaly
178, 215, 130



Tritanomaly
82, 233, 202

Monochromacy



Original Color
48, 242, 124



Achromatopsia
171, 171, 171



Achromatomaly
126, 197, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 242, 124 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(48, 242, 124)` looks like.

```
.text, #text, p{  
    color:rgb(48, 242, 124)  
}
```

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(48, 242, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 242, 124) }
```

Border

The CSS property to change the border of an element to RGB 48, 242, 124 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(48, 242, 124) }
```

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

```
.border{ border-color:rgb(48, 242, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 242, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 242, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 242, 124);  
box-shadow:4px 4px 4px 4px rgb(48, 242,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 48, 242, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 242, 124) }
```

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

```
.background{ background-color: rgb(48, 242,  
124) }
```

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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