Converting Colors

RGB(70, 243, 128)

Have a look what the booklet for RGB(70, 243, 128) contains.

Color

RGB(70, 243, 128)

Conversions

Conversions Part 1

Format	Color
Hex	46F380
RGB	70, 243, 128
RGB Percent	27%, 95%, 50%
CMY	0.7255, 0.0471, 0.4980
CMYK	0.71, 0.00, 0.47, 0.05
HSL	140°, 88%, 61%
HSV	140°, 71%, 95%
XYZ	38.4727, 66.9618, 31.3193
YIQ	178.1630, -66.1930, -72.4410

Conversions

Conversions Part 2

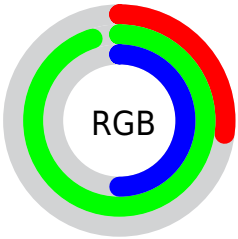
Format	Color
RYB	70, 200, 243
Decimal	4649856
CIELab	85.48, -67.57, 42.95
CIELCh	85, 80.066, 147.558
Yxy	66.9618, 0.2813, 0.4897
Android (android.graphics.Color)	4282839936 (0xFF46F380)
YUV	178.1630, -24.7304, -94.8590
Hunter-Lab	81.8302, -59.2806, 34.5888

Details

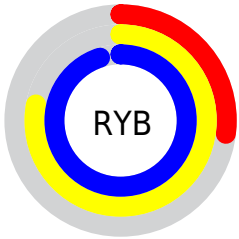
The RGB color 70, 243, 128 is a light color, and the websafe version is hex 33FF99. The color can be described as light washed spring green. A complement of this color would be 243, 70, 185, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 139, 255, 182, and 0, 185, 76 is the 20% darker color. If you saturate the color by 10%, you get 46, 243, 112, and if you desaturate by 10%, it is 94, 243, 144.

Distribution

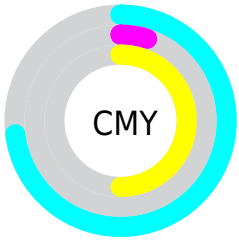


- Red (27%)
- Green (95%)
- Blue (50%)



- Red (27%)
- Yellow (78%)
- Blue (95%)

- Cyan (71%)
- Magenta (0%)
- Yellow (47%)
- Black (5%)



- Cyan (73%)
- Magenta (5%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 243, 128 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 70, 243, 128 by changing the saturation by 10% instead.

70, 243, 128

255, 255, 255

139, 255, 182

171, 255, 211

202, 255, 239

233, 255, 255

70, 243, 128

10, 214, 102

0, 185, 76

0, 157, 51

0, 130, 24

0, 104, 0

0, 78, 0

0, 54, 0

0, 28, 0

0, 0, 0

70, 243, 128

46, 243, 112

21, 243, 96

0, 243, 81

70, 243, 128

94, 243, 144

119, 243, 160

143, 243, 176

167, 243, 193

191, 243, 209

216, 243, 225

240, 243, 241

255, 243, 255

Harmonies

Analogous

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

183, 230, 65

70, 243, 128

0, 249, 205

Triad

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

70, 243, 128

0, 224, 255

255, 149, 148

Complementary

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

70, 243, 128

243, 70, 185

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, 141, 223

70, 243, 128

202, 196, 255

Square

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

70, 243, 128

0, 242, 255

255, 163, 255

255, 178, 84

Rectangle

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

70, 243, 128

0, 250, 255

255, 163, 255

255, 143, 172

Sweetspot

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

70, 243, 128

201, 255, 219

185, 243, 70

96, 128, 106

0, 0, 0

128, 128, 128

Same Dimension

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

70, 243, 128

38, 255, 111

70, 243, 214

110, 122, 114

0, 186, 62

0, 59, 20

Inverse Universe

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

243, 70, 185

255, 38, 182

243, 70, 99

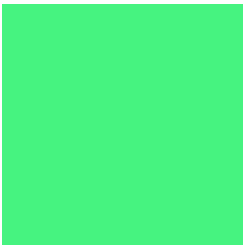
122, 110, 118

186, 0, 124

59, 0, 39

Previews

White Background

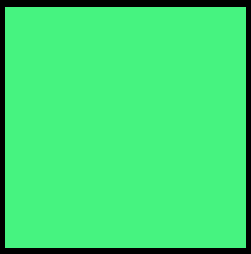


This preview shows how the RGB color 70, 243, 128 looks on a white background.

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 70, 243, 128 looks on a black background.

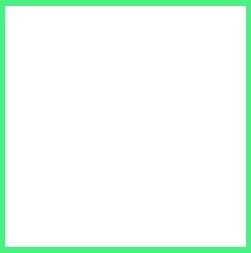
Color Contrast Check

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 70, 243, 128 Background

This preview shows how black text looks on a background with the RGB color 70, 243, 128.



This preview shows how white text looks on a background with the RGB color 70, 243, 128.

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

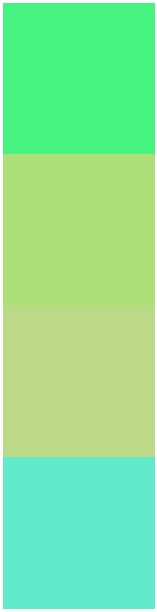
Original Color
70, 243, 128

Protanopia
233, 212, 117

Deuteranopia
254, 202, 138

Tritanopia
112, 230, 248

Trichromacy



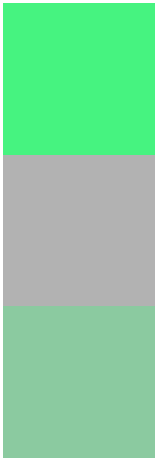
Original Color
70, 243, 128

Protanomaly
174, 223, 121

Deuteranomaly
187, 217, 134

Tritanomaly
97, 235, 204

Monochromacy



Original Color
70, 243, 128

Achromatopsia
178, 178, 178

Achromatomaly
139, 202, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 243, 128 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(70, 243, 128) looks like.

```
.text, #text, p{
    color:rgb(70, 243, 128)
}
```

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(70, 243, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 243, 128) }
```

Border

The CSS property to change the border of an element to RGB 70, 243, 128 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(70, 243, 128) }
```

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

```
.border{ border-color:rgb(70, 243, 128) }
```

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

Here you see how a box with a 4 pixel rgb(70, 243, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(70, 243, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(70, 243, 128); box-shadow:4px 4px 4px 4px rgb(70, 243, 128) }
```

Background

The CSS property to change the background color of an element to RGB 70, 243, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(70, 243, 128) }
```

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

```
.background{ background-color:rgb(70, 243,
128) }
```

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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