Converting Colors

RGB(69, 237, 127)

Have a look what the booklet for RGB(69, 237, 127) contains.

Color

RGB(69, 237, 127)

Conversions

Conversions Part 1

Format	Color
Hex	45ED7F
RGB	69, 237, 127
RGB Percent	27%, 93%, 50%
CMY	0.7294, 0.0706, 0.5020
CMYK	0.71, 0.00, 0.46, 0.07
HSL	141°, 82%, 60%
HSV	141°, 71%, 93%
XYZ	36.5692, 63.3659, 30.3821
YIQ	174.2280, -64.8180, -69.8260

Conversions

Conversions Part 2

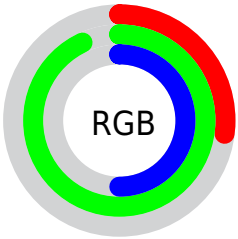
Format	Color
RYB	69, 194, 237
Decimal	4582783
CIELab	83.63, -65.80, 41.09
CIELCh	84, 77.576, 148.015
Yxy	63.3659, 0.2806, 0.4862
Android (android.graphics.Color)	4282772863 (0xFF45ED7F)
YUV	174.2280, -23.2834, -92.2850
Hunter-Lab	79.6027, -57.3024, 33.0926

Details

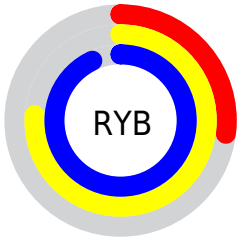
The RGB color 69, 237, 127 is a dark color, and the websafe version is hex 66FF99. The color can be described as middle muted spring green. A complement of this color would be 237, 69, 179, and the grayscale version is 174, 174, 174.

A 20% lighter version of the original color is 137, 255, 181, and 0, 180, 75 is the 20% darker color. If you saturate the color by 10%, you get 45, 237, 111, and if you desaturate by 10%, it is 93, 237, 143.

Distribution

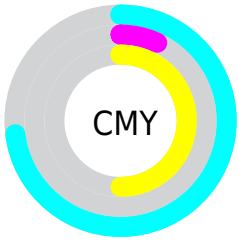


- Red (27%)
- Green (93%)
- Blue (50%)



- Red (27%)
- Yellow (76%)
- Blue (93%)

- Cyan (71%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)



- Cyan (73%)
- Magenta (7%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 69, 237, 127 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 69, 237, 127 by changing the saturation by 10% instead.

69, 237, 127

255, 255, 255

137, 255, 181

169, 255, 209

200, 255, 238

231, 255, 255

69, 237, 127

11, 208, 101

0, 180, 75

0, 152, 50

0, 125, 24

0, 99, 0

0, 73, 0

0, 49, 0

0, 21, 0

0, 0, 0

69, 237, 127

45, 237, 111

22, 237, 96

0, 237, 82

69, 237, 127

93, 237, 143

116, 237, 158

140, 237, 174

164, 237, 189

187, 237, 205

211, 237, 220

235, 237, 236

255, 237, 251

255, 237, 255

Harmonies

Analogous

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

178, 224, 66

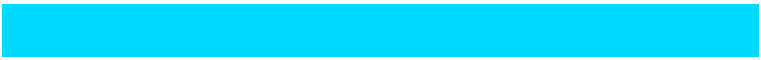
69, 237, 127

0, 243, 201

Triad

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

69, 237, 127



0, 218, 255

255, 147, 144

Complementary

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

69, 237, 127

237, 69, 179

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, 139, 216

69, 237, 127

200, 191, 255

Square

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

69, 237, 127

0, 235, 255

255, 159, 255

255, 175, 83

Rectangle

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

69, 237, 127

0, 243, 252

255, 159, 255

255, 141, 168

Sweetspot

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

69, 237, 127

201, 255, 220

181, 237, 69

96, 128, 107

0, 0, 0

128, 128, 128

Same Dimension

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

69, 237, 127

38, 255, 113

69, 237, 209

106, 117, 110

0, 181, 63

0, 54, 18

Inverse Universe

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

237, 69, 179

255, 38, 180

237, 69, 97

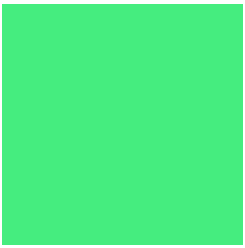
117, 106, 113

181, 0, 119

54, 0, 35

Previews

White Background

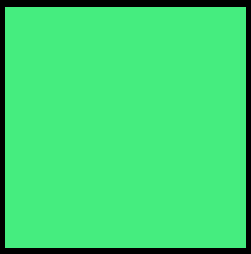


This preview shows how the RGB color 69, 237, 127 looks on a white background.

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 69, 237, 127 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 69, 237, 127 Background

This preview shows how black text looks on a background with the RGB color 69, 237, 127.

This preview shows how white text looks on a background with the RGB color 69, 237, 127.

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

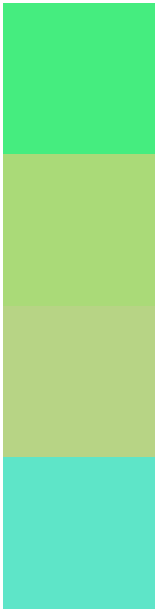
Original Color
69, 237, 127

Protanopia
227, 207, 116

Deuteranopia
248, 197, 137

Tritanopia
109, 224, 242

Trichromacy



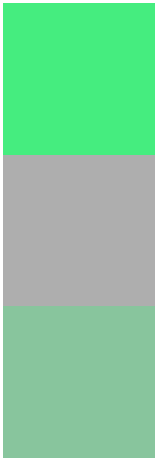
Original Color
69, 237, 127

Protanomaly
170, 218, 120

Deuteranomaly
183, 212, 133

Tritanomaly
94, 229, 200

Monochromacy



Original Color
69, 237, 127

Achromatopsia
174, 174, 174

Achromatomaly
136, 197, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 237, 127 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(69, 237, 127) looks like.

```
.text, #text, p{
    color:rgb(69, 237, 127)
}
```

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(69, 237, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 237, 127) }
```

Border

The CSS property to change the border of an element to RGB 69, 237, 127 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(69, 237, 127) }
```

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

```
.border{ border-color:rgb(69, 237, 127) }
```

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

Here you see how a box with a 4 pixel rgb(69, 237, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 237, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 237, 127); box-shadow:4px 4px 4px 4px rgb(69, 237, 127) }
```

Background

The CSS property to change the background color of an element to RGB 69, 237, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(69, 237, 127) }
```

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

```
.background{ background-color:rgb(69, 237,
127) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor