Converting Colors

RGB(123, 249, 226)

Have a look what the booklet for RGB(123, 249, 226) contains.

Color

RGB(123, 249, 226)

Conversions

Conversions Part 1

Format	Color
Hex	7BF9E2
RGB	123, 249, 226
RGB Percent	48%, 98%, 89%
CMY	0.5176, 0.0235, 0.1137
CMYK	0.51, 0.00, 0.09, 0.02
HSL	169°, 91%, 73%
HSV	169°, 51%, 98%
XYZ	55.7715, 77.4533, 83.9620
YIQ	208.7040, -67.7130, -33.8650

Conversions

Conversions Part 2

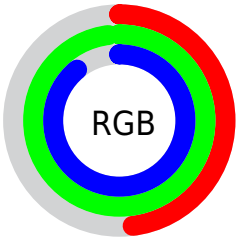
Format	Color
RYB	123, 192, 249
Decimal	8124898
CIELab	90.53, -40.58, 0.27
CIELCh	91, 40.586, 179.619
Yxy	77.4533, 0.2568, 0.3566
Android (android.graphics.Color)	4286314978 (0xFF7BF9E2)
YUV	208.7040, 8.5269, -75.1624
Hunter-Lab	88.0076, -40.8955, 5.0407

Details

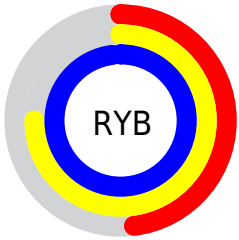
The RGB color 123, 249, 226 is a light color, and the websafe version is hex 66FFFF. A complement of this color would be 249, 123, 146, and the grayscale version is 209, 209, 209.

A 20% lighter version of the original color is 183, 255, 255, and 58, 192, 171 is the 20% darker color. If you saturate the color by 10%, you get 98, 249, 221, and if you desaturate by 10%, it is 148, 249, 231.

Distribution

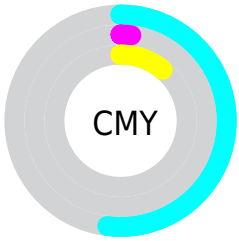


- Red (48%)
- Green (98%)
- Blue (89%)



- Red (48%)
- Yellow (75%)
- Blue (98%)

- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (52%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 249, 226 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 123, 249, 226 by changing the saturation by 10% instead.

123, 249, 226

255, 255, 255

183, 255, 255

213, 255, 255

243, 255, 255

123, 249, 226

92, 220, 198

58, 192, 171

1, 164, 144

0, 138, 119

0, 112, 94

0, 86, 70

0, 62, 48

0, 41, 27

0, 4, 1

123, 249, 226

98, 249, 221

73, 249, 217

48, 249, 212

23, 249, 208

0, 249, 204

123, 249, 226

148, 249, 231

173, 249, 235

198, 249, 240

223, 249, 244

248, 249, 249

255, 249, 253

255, 249, 255

Harmonies

Analogous

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

169, 245, 187

123, 249, 226

94, 248, 255

Triad

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

123, 249, 226

232, 218, 255

255, 212, 162

Complementary

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

123, 249, 226

249, 123, 146

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, 201, 191

123, 249, 226

255, 205, 255

Square

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

123, 249, 226

174, 232, 255

255, 199, 230

255, 225, 150

Rectangle

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

123, 249, 226

104, 245, 255

255, 199, 230

255, 208, 170

Sweetspot

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

123, 249, 226

217, 255, 248

146, 249, 123

105, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

123, 249, 226

99, 255, 227

123, 209, 249

112, 125, 123

0, 189, 154

0, 61, 50

Inverse Universe

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

249, 123, 146

255, 99, 128

249, 163, 123

125, 112, 115

189, 0, 34

61, 0, 11

Previews

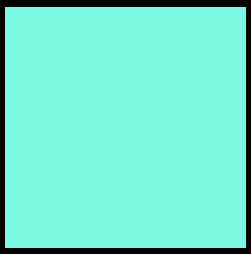
White Background

This preview shows how the RGB color 123, 249, 226 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



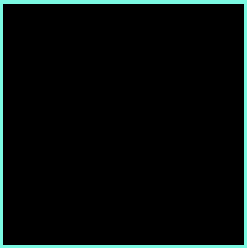
This preview shows how the RGB color 123, 249, 226 looks on a black background.

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 123, 249, 226 Background



This preview shows how black text looks on a background with the RGB color 123, 249, 226.

This preview shows how white text looks on a background with the RGB color 123, 249, 226.

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
123, 249, 226

Protanopia
234, 225, 213

Deuteranopia
245, 219, 232

Tritanopia
163, 240, 255

Trichromacy

Original Color
123, 249, 226

Protanomaly
194, 234, 218

Deuteranomaly
201, 230, 230

Tritanomaly
148, 243, 244

Monochromacy

Original Color
123, 249, 226

Achromatopsia
209, 209, 209

Achromatomaly
178, 224, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 249, 226 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(123, 249, 226) looks like.

```
.text, #text, p{
    color:rgb(123, 249, 226)
}
```

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(123, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 249, 226) }
```

Border

The CSS property to change the border of an element to RGB 123, 249, 226 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(123, 249, 226) }
```

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

```
.border{ border-color:rgb(123, 249, 226) }
```

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

Here you see how a box with a 4 pixel rgb(123, 249, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 249, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 249, 226); box-shadow:4px 4px 4px 4px rgb(123, 249, 226) }
```

Background

The CSS property to change the background color of an element to RGB 123, 249, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(123, 249, 226) }
```

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

```
.background{ background-color:rgb(123,
249, 226) }
```

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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