Converting Colors

RGB(144, 236, 255)

Have a look what the booklet for RGB(144, 236, 255) contains.

Color

RGB(144, 236, 255)

Conversions

Conversions Part 1

Format	Color
Hex	90ECFF
RGB	144, 236, 255
RGB Percent	56%, 93%, 100%
CMY	0.4353, 0.0745, 0.0000
CMYK	0.44, 0.07, 0.00, 0.00
HSL	190°, 100%, 78%
HSV	190°, 44%, 100%
XYZ	59.5471, 73.1402, 105.5868
YIQ	210.6580, -60.9310, -13.5950

Conversions

Conversions Part 2

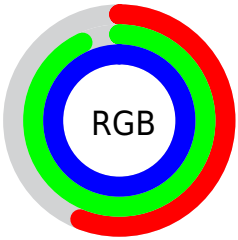
Format	Color
RYB	144, 194, 255
Decimal	9497855
CIELab	88.51, -22.66, -17.76
CIELCh	89, 28.791, 218.096
Yxy	73.1402, 0.2499, 0.3070
Android (android.graphics.Color)	4287687935 (0xFF90ECFF)
YUV	210.6580, 21.8606, -58.4591
Hunter-Lab	85.5220, -25.3781, -13.3349

Details

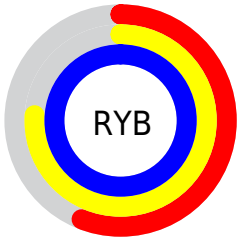
The RGB color 144, 236, 255 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 255, 163, 144, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 202, 255, 255, and 85, 180, 198 is the 20% darker color. If you saturate the color by 10%, you get 119, 232, 255, and if you desaturate by 10%, it is 170, 240, 255.

Distribution

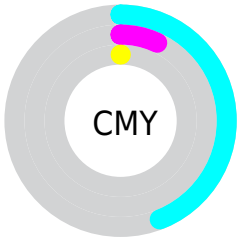


- Red (56%)
- Green (93%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)

- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 236, 255 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 144, 236, 255 by changing the saturation by 10% instead.

144, 236, 255

255, 255, 255

202, 255, 255

232, 255, 255

144, 236, 255

115, 208, 226

85, 180, 198

53, 153, 171

2, 127, 144

0, 102, 119

0, 77, 94

0, 54, 70

0, 34, 48

0, 1, 27

144, 236, 255

119, 232, 255

93, 227, 255

67, 223, 255

42, 219, 255

16, 214, 255

0, 211, 255

144, 236, 255

170, 240, 255

195, 245, 255

221, 249, 255

246, 253, 255

255, 255, 255

Harmonies

Analogous

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

150, 238, 229

144, 236, 255

164, 231, 255

Triad

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

144, 236, 255

255, 205, 243

235, 223, 168

Complementary

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

144, 236, 255

255, 163, 144

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, 214, 172

144, 236, 255

255, 202, 216

Square

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

144, 236, 255

236, 213, 255

255, 206, 190

204, 231, 178

Rectangle

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

144, 236, 255

187, 225, 255

255, 206, 190

244, 220, 168

Sweetspot

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

144, 236, 255

222, 249, 255

144, 255, 163

107, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

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

144, 236, 255

122, 232, 255

144, 181, 255

115, 125, 128

0, 159, 191

0, 53, 64

Inverse Universe

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

255, 144, 236

255, 122, 232

255, 218, 144

128, 115, 125

191, 0, 159

64, 0, 53

Previews

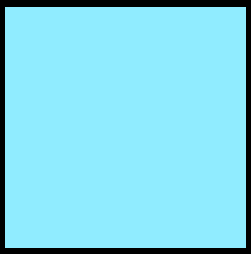
White Background

This preview shows how the RGB color 144, 236, 255 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



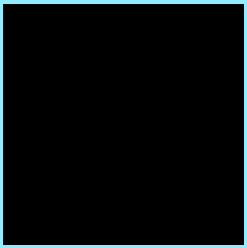
This preview shows how the RGB color 144, 236, 255 looks on a black background.

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 144, 236, 255 Background



This preview shows how black text looks on a background with the RGB color 144, 236, 255.

This preview shows how white text looks on a background with the RGB color 144, 236, 255.

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
144, 236, 255

Protanopia
218, 219, 244

Deuteranopia
224, 216, 255

Tritanopia
144, 236, 255

Trichromacy

Original Color
144, 236, 255

Protanomaly
191, 225, 248

Deuteranomaly
195, 223, 255

Tritanomaly
144, 236, 255

Monochromacy

Original Color
144, 236, 255

Achromatopsia
211, 211, 211

Achromatomaly
187, 220, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 236, 255 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(144, 236, 255) looks like.

```
.text, #text, p{
    color:rgb(144, 236, 255)
}
```

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(144, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 236, 255) }
```

Border

The CSS property to change the border of an element to RGB 144, 236, 255 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(144, 236, 255) }
```

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

```
.border{ border-color:rgb(144, 236, 255) }
```

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

Here you see how a box with a 4 pixel rgb(144, 236, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 236, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 236, 255); box-shadow:4px 4px 4px 4px rgb(144, 236, 255) }
```

Background

The CSS property to change the background color of an element to RGB 144, 236, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 236, 255) }
```

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

```
.background{ background-color:rgb(144,
236, 255) }
```

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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