Converting Colors

RGB(147, 212, 246)

Have a look what the booklet for RGB(147, 212, 246) contains.

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Color

RGB(147, 212, 246)

Conversions

Conversions Part 1

Format	Color
Hex	93D4F6
RGB	147, 212, 246
RGB Percent	58%, 83%, 96%
CMY	0.4235, 0.1686, 0.0353
CMYK	0.40, 0.14, 0.00, 0.04
HSL	201°, 85%, 77%
HSV	201°, 40%, 96%
XYZ	52.2107, 59.9438, 96.0073
YIQ	196.4410, -49.6540, -3.2060

Conversions

Conversions Part 2

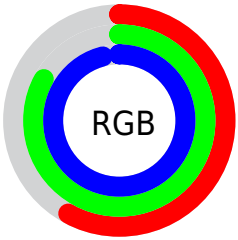
Format	Color
RYB	147, 186, 246
Decimal	9688310
CIELab	81.81, -12.09, -23.15
CIELCh	82, 26.119, 242.415
Yxy	59.9438, 0.2508, 0.2880
Android (android.graphics.Color)	4287878390 (0xFF93D4F6)
YUV	196.4410, 24.4326, -43.3598
Hunter-Lab	77.4234, -15.1190, -19.3250

Details

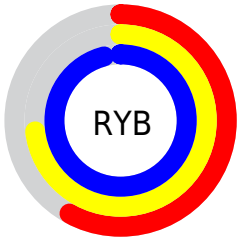
The RGB color 147, 212, 246 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 246, 181, 147, and the grayscale version is 196, 196, 196.

A 20% lighter version of the original color is 204, 255, 255, and 91, 157, 190 is the 20% darker color. If you saturate the color by 10%, you get 122, 204, 246, and if you desaturate by 10%, it is 172, 220, 246.

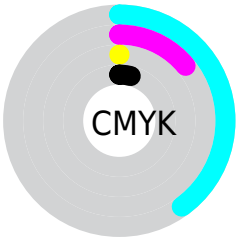
Distribution



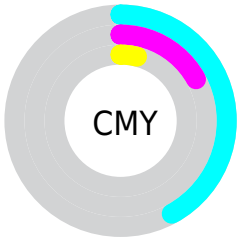
- Red (58%)
- Green (83%)
- Blue (96%)



- Red (58%)
- Yellow (73%)
- Blue (96%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 212, 246 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 147, 212, 246 by changing the saturation by 10% instead.

147, 212, 246

255, 255, 255

204, 255, 255

233, 255, 255

147, 212, 246

119, 184, 217

91, 157, 190

62, 131, 163

29, 106, 136

0, 82, 111

0, 59, 86

0, 37, 63

0, 15, 41

0, 1, 19

147, 212, 246	147, 212, 246
122, 204, 246	172, 220, 246
98, 195, 246	196, 229, 246
73, 187, 246	221, 237, 246
49, 178, 246	245, 246, 246
24, 170, 246	255, 254, 246
0, 162, 246	255, 255, 246

Harmonies

Analogous

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

134, 216, 229

147, 212, 246

177, 205, 252

Triad

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

147, 212, 246

252, 186, 202

193, 210, 162

Complementary

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

147, 212, 246

246, 181, 147

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.

220, 202, 155

147, 212, 246

253, 188, 178

Square

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

147, 212, 246

237, 189, 226

241, 194, 161

165, 215, 180

Rectangle

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

147, 212, 246

199, 199, 248

241, 194, 161

202, 208, 158

Sweetspot

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

147, 212, 246

224, 244, 255

147, 246, 180

110, 121, 128

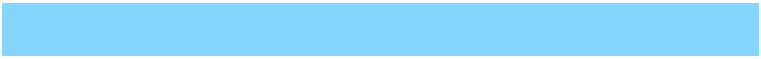
0, 0, 0

128, 128, 128

Same Dimension

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

147, 212, 246



133, 213, 255

147, 164, 246

110, 118, 122

0, 122, 186

0, 39, 59

Inverse Universe

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

246, 147, 212

255, 133, 213

246, 229, 147

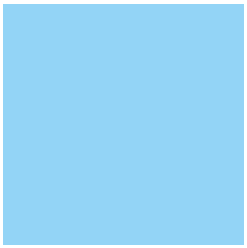
122, 110, 118

186, 0, 122

59, 0, 39

Previews

White Background

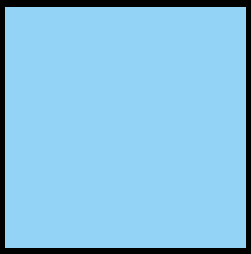


This preview shows how the RGB color 147, 212, 246 looks on a white background.

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



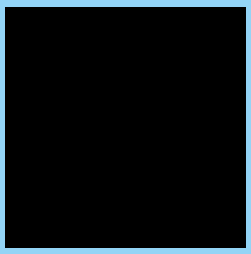
This preview shows how the RGB color 147, 212, 246 looks on a black background.

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 147, 212, 246 Background



This preview shows how black text looks on a background with the RGB color 147, 212, 246.

This preview shows how white text looks on a background with the RGB color 147, 212, 246.

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

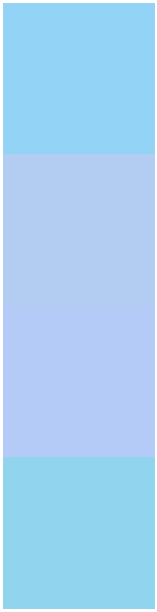
Original Color
147, 212, 246

Protanopia
195, 201, 238

Deuteranopia
199, 198, 249

Tritanopia
143, 214, 232

Trichromacy



Original Color
147, 212, 246

Protanomaly
178, 205, 241

Deuteranomaly
180, 203, 248

Tritanomaly
144, 213, 237

Monochromacy

Original Color
147, 212, 246

Achromatopsia
196, 196, 196

Achromatomaly
178, 202, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 212, 246 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(147, 212, 246) looks like.

```
.text, #text, p{
    color:rgb(147, 212, 246)
}
```

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(147, 212, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 212, 246) }
```

Border

The CSS property to change the border of an element to RGB 147, 212, 246 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(147, 212, 246) }
```

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

```
.border{ border-color:rgb(147, 212, 246) }
```

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

Here you see how a box with a 4 pixel rgb(147, 212, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 212, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 212, 246); box-shadow:4px 4px 4px 4px rgb(147, 212, 246) }
```

Background

The CSS property to change the background color of an element to RGB 147, 212, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 212, 246) }
```

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

```
.background{ background-color:rgb(147,
212, 246) }
```

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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