Converting Colors

RGB(186, 212, 253)

Have a look what the booklet for RGB(186, 212, 253) contains.

Color

RGB(186, 212, 253)

Conversions

Conversions Part 1

Format	Color
Hex	BAD4FD
RGB	186, 212, 253
RGB Percent	73%, 83%, 99%
CMY	0.2706, 0.1686, 0.0078
CMYK	0.26, 0.16, 0.00, 0.01
HSL	217°, 94%, 86%
HSV	217°, 26%, 99%
XYZ	61.5228, 64.6179, 102.1584
YIQ	208.9000, -28.6570, 7.2390

Conversions

Conversions Part 2

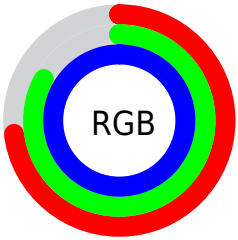
Format	Color
RYB	186, 205, 253
Decimal	12244221
CIELab	84.29, 0.25, -22.89
CIELCh	84, 22.889, 270.619
Yxy	64.6179, 0.2695, 0.2830
Android (android.graphics.Color)	4290434301 (0xFFBAD4FD)
YUV	208.9000, 21.7413, -20.0833
Hunter-Lab	80.3853, -4.0594, -19.0796

Details

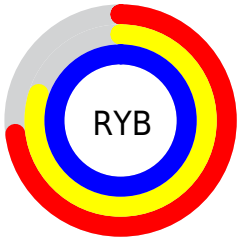
The RGB color 186, 212, 253 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 253, 227, 186, and the grayscale version is 209, 209, 209.

A 20% lighter version of the original color is 243, 255, 255, and 132, 158, 196 is the 20% darker color. If you saturate the color by 10%, you get 161, 197, 253, and if you desaturate by 10%, it is 211, 227, 253.

Distribution

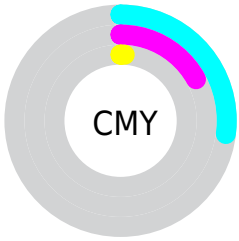


- Red (73%)
- Green (83%)
- Blue (99%)



- Red (73%)
- Yellow (80%)
- Blue (99%)

- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 212, 253 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 186, 212, 253 by changing the saturation by 10% instead.

186, 212, 253

255, 255, 255

243, 255, 255

186, 212, 253

158, 184, 224

132, 158, 196

105, 131, 169

80, 106, 142

54, 82, 117

28, 59, 92

0, 38, 68

0, 17, 46

0, 1, 25

186, 212, 253

161, 197, 253

135, 181, 253

110, 166, 253

85, 150, 253

59, 135, 253

34, 119, 253

9, 104, 253

0, 98, 253

186, 212, 253

211, 227, 253

237, 243, 253

255, 255, 253

Harmonies

Analogous

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

162, 218, 247

186, 212, 253

215, 205, 247

Triad

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

186, 212, 253

255, 197, 189

178, 221, 188

Complementary

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

186, 212, 253

253, 227, 186

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.

203, 216, 173

186, 212, 253

245, 202, 173

Square

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

186, 212, 253

253, 195, 211

227, 209, 167

159, 223, 210

Rectangle

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

186, 212, 253

232, 200, 238

227, 209, 167

186, 219, 182

Sweetspot

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

186, 212, 253

235, 243, 255

186, 253, 226

115, 120, 128

0, 0, 0

128, 128, 128

Same Dimension

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

186, 212, 253

173, 205, 255

193, 186, 253

115, 120, 128

0, 74, 191

0, 25, 64

Inverse Universe

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

253, 186, 212

255, 173, 205

246, 253, 186

128, 115, 120

191, 0, 74

64, 0, 25

Previews

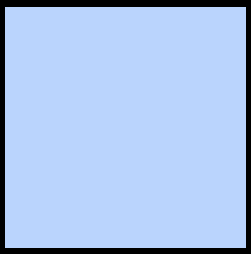
White Background

This preview shows how the RGB color 186, 212, 253 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



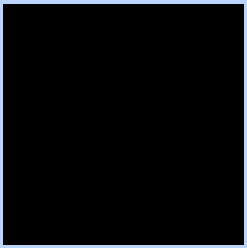
This preview shows how the RGB color 186, 212, 253 looks on a black background.

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 186, 212, 253 Background



This preview shows how black text looks on a background with the RGB color 186, 212, 253.

This preview shows how white text looks on a background with the RGB color 186, 212, 253.

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
186, 212, 253

Protanopia
201, 208, 250

Deuteranopia
208, 205, 254

Tritanopia
182, 215, 233

Trichromacy

Original Color
186, 212, 253

Protanomaly
196, 209, 251

Deuteranomaly
200, 208, 254

Tritanomaly
183, 214, 240

Monochromacy

Original Color
186, 212, 253

Achromatopsia
209, 209, 209

Achromatomaly
201, 210, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 212, 253 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(186, 212, 253) looks like.

```
.text, #text, p{
    color:rgb(186, 212, 253)
}
```

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(186, 212, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 253) }
```

Border

The CSS property to change the border of an element to RGB 186, 212, 253 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(186, 212, 253) }
```

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

```
.border{ border-color:rgb(186, 212, 253) }
```

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

Here you see how a box with a 4 pixel rgb(186, 212, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 212, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 212, 253); box-shadow:4px 4px 4px 4px rgb(186, 212, 253) }
```

Background

The CSS property to change the background color of an element to RGB 186, 212, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(186, 212, 253) }
```

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

```
.background{ background-color:rgb(186,
212, 253) }
```

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