

Converting Colors

`RYB(144, 183, 246)`

Have a look what the booklet for RYB(144, 183, 246) contains.

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Color

R_YB(144, 183, 246)

Conversions

Conversions Part 1

Format	Color
Hex	90CFF6
RGB	144, 207, 246
RGB Percent	56%, 81%, 96%
CMY	0.4353, 0.1877, 0.0353
CMYK	0.41, 0.16, 0.00, 0.04
HSL	203°, 85%, 76%
HSV	203°, 41%, 96%
XYZ	50.4836, 57.2780, 95.5838
YIQ	192.6090, -50.0670, -1.2270

Conversions

Conversions Part 2

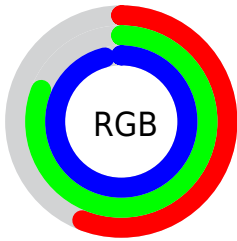
Format	Color
RYB	144, 183, 246
Decimal	9490422
CIELab	80.34, -10.32, -25.41
CIElCh	80, 27.420, 247.900
Yxy	57.2780, 0.2483, 0.2817
Android (android.graphics.Color)	4287680502 (0xFF90CFF6)
YUV	192.6090, 26.3218, -42.6301
Hunter-Lab	75.6822, -13.3761, -21.9034

Details

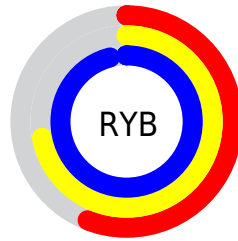
The RYB color **144, 183, 246** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **246, 207, 144**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **201, 228, 255**, and **88, 128, 190** is the 20% darker color. If you saturate the color by 10%, you get **119, 168, 246**, and if you desaturate by 10%, it is **169, 199, 246**.

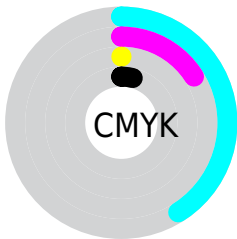
Distribution



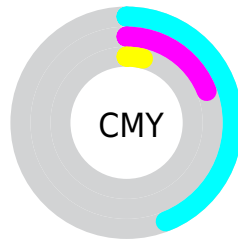
- Red (56%)
- Green (81%)
- Blue (96%)



- Red (56%)
- Yellow (72%)
- Blue (96%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)




- Cyan (44%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 183, 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 RYB color 144, 183, 246 by changing the saturation by 10% instead.

 144, 183, 246


255, 255, 255


 201, 228, 255

 230, 243, 255

 144, 183, 246

 116, 155, 217

 88, 128, 190

 59, 100, 162

 23, 69, 136

 0, 46, 111

 0, 34, 86

 0, 22, 63

 0, 4, 41

 0, 1, 19

■ 144, 183, 246

■ 144, 183, 246

■ 119, 168, 246

■ 169, 199, 246

■ 95, 153, 246

■ 193, 213, 246

■ 70, 137, 246

■ 218, 229, 246

■ 46, 123, 246

■ 242, 244, 246

■ 21, 107, 246

■ 247, 255, 246

■ 0, 94, 246

■ 246, 255, 246

Harmonies

Analogous

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



125, 173, 230



144, 183, 246



177, 194, 250

Triad

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



144, 183, 246



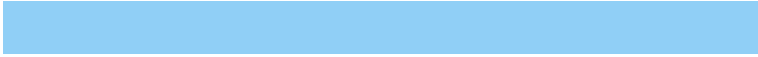
251, 181, 193



158, 207, 182

Complementary

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



144, 183, 246



246, 207, 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.



162, 211, 149



144, 183, 246



249, 187, 169

Square

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



144, 183, 246



238, 183, 219



235, 224, 153



154, 195, 212

Rectangle

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



144, 183, 246



201, 193, 244



235, 224, 153



154, 205, 166

Sweetspot

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



144, 183, 246



224, 236, 255



144, 219, 246



110, 117, 128



0, 0, 0



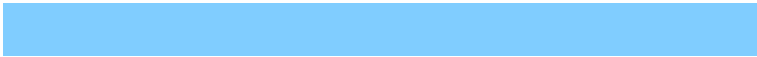
128, 128, 128

Same Dimension

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



144, 183, 246



128, 176, 255



144, 156, 246



110, 115, 122



0, 71, 186



0, 22, 59

Inverse Universe

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



246, 144, 207



255, 128, 206



160, 246, 144



122, 110, 118



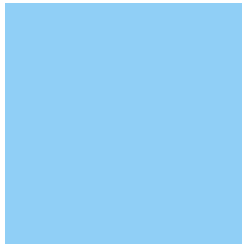
186, 0, 115



59, 0, 36

Previews

White Background



This preview shows how the RYB color 144, 183, 246 looks on a white background.

Color Contrast Check

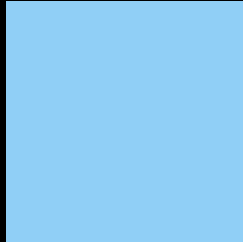
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 144, 183, 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](#).

RYB 144, 183, 246 Background



This preview shows how black text looks on a background with the RYB color 144, 183, 246.

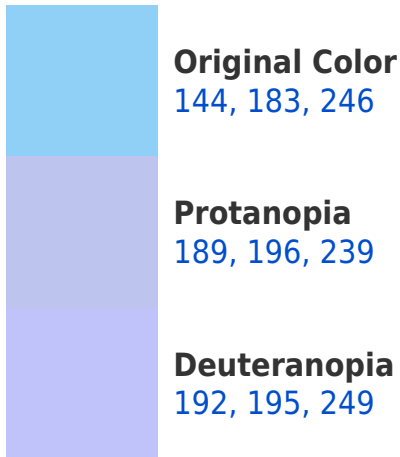


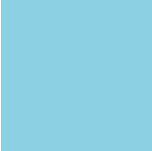
This preview shows how white text looks on a background with the RYB color 144, 183, 246.

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





Tritanopia
139, 178, 227

Trichromacy



Original Color
144, 183, 246

Protanomaly
173, 193, 242

Deuteranomaly
175, 193, 248

Tritanomaly
141, 180, 234

Monochromacy



Original Color
144, 183, 246

Achromatopsia
193, 193, 193

Achromatomaly
175, 189, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 183, 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(144, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(144, 207, 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(144, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 207, 246) }
```

Border

The CSS property to change the border of an element to RYB 144, 183, 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(144, 207, 246) }
```

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

```
.border{ border-color:rgb(144, 207, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 207, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 207, 246); box-shadow:4px 4px 4px 4px rgb(144, 207, 246) }
```

Background

The CSS property to change the background color of an element to RYB 144, 183, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 207, 246) }
```

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

```
.background{ background-color: rgb(144,  
207, 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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