

Converting Colors

`RYB(163, 179, 246)`

Have a look what the booklet for RYB(163, 179, 246) contains.

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Color

R_YB(163, 179, 246)

Conversions

Conversions Part 1

Format	Color
Hex	A3B7F6
RGB	163, 183, 246
RGB Percent	64%, 72%, 96%
CMY	0.3608, 0.2831, 0.0353
CMYK	0.34, 0.26, 0.00, 0.04
HSL	226°, 82%, 80%
HSV	226°, 34%, 96%
XYZ	48.6354, 48.2335, 93.9354
YIQ	184.2020, -32.1430, 15.3530

Conversions

Conversions Part 2

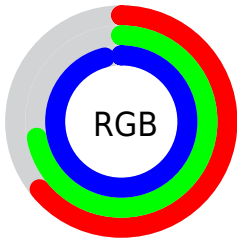
Format	Color
R _Y B	163, 179, 246
Decimal	10729462
CIE Lab	74.97, 7.80, -33.55
CIE LCh	75, 34.441, 283.091
Yxy	48.2335, 0.2549, 0.2528
Android (android.graphics.Color)	4288919542 (0xFFA3B7F6)
YUV	184.2020, 30.4664, -18.5942
Hunter-Lab	69.4503, 3.4637, -31.5778

Details

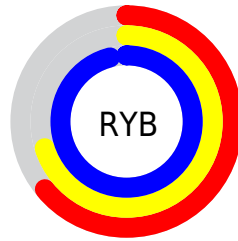
The RYB color **163, 179, 246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **189, 246, 163**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **220, 232, 255**, and **109, 126, 189** is the 20% darker color. If you saturate the color by 10%, you get **138, 159, 246**, and if you desaturate by 10%, it is **188, 199, 246**.

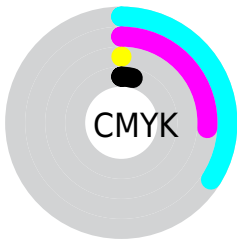
Distribution



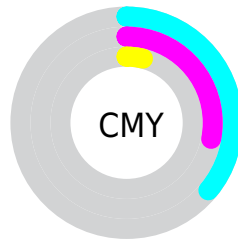
- Red (64%)
- Green (72%)
- Blue (96%)



- Red (64%)
- Yellow (70%)
- Blue (96%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 179, 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 163, 179, 246 by changing the saturation by 10% instead.

■ 163, 179, 246

255, 255, 255

■ 220, 232, 255

■ 249, 252, 255

■ 163, 179, 246

■ 136, 152, 217

■ 109, 126, 189

■ 82, 100, 162

■ 55, 75, 136

■ 26, 49, 110

■ 0, 26, 85

■ 0, 13, 62

■ 0, 3, 40

■ 0, 1, 17

■ 163, 179, 246

■ 163, 179, 246

■ 138, 159, 246

■ 188, 199, 246

■ 114, 139, 246

■ 212, 218, 246

■ 89, 120, 246

■ 237, 239, 246

■ 65, 100, 246

■ 246, 255, 246

■ 40, 80, 246

■ 15, 59, 246

■ 0, 48, 246

Harmonies

Analogous

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



114, 163, 244



163, 179, 246



206, 171, 231

Triad

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



163, 179, 246



242, 173, 143



119, 172, 201

Complementary

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



163, 179, 246



189, 246, 163

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.



137, 195, 175



163, 179, 246



211, 222, 124

Square

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



163, 179, 246



247, 161, 172



127, 192, 122



85, 145, 202

Rectangle

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



163, 179, 246



228, 165, 214



127, 192, 122



132, 182, 199

Sweetspot

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



163, 179, 246



230, 235, 255



163, 211, 246



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 179, 246



153, 172, 255



184, 163, 246



110, 112, 122



0, 36, 186



0, 11, 59

Inverse Universe

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



246, 163, 183



255, 153, 177



163, 246, 184



122, 110, 113



186, 0, 44



59, 0, 14

Previews

White Background



This preview shows how the RYB color 163, 179, 246 looks on a white background.

Color Contrast Check

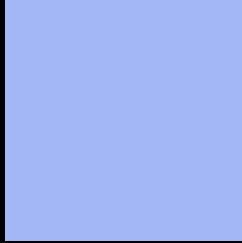
Large Text (above 18pt) WCAG AA × Fail

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 163, 179, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

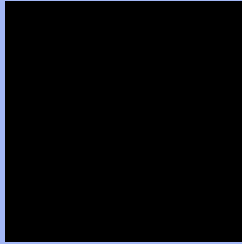
Any Text WCAG AA ✓ Pass

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 163, 179, 246 Background



This preview shows how black text looks on a background with the RYB color 163, 179, 246.

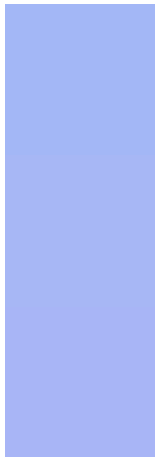


This preview shows how white text looks on a background with the RYB color 163, 179, 246.

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
163, 179, 246

Protanopia
167, 180, 245

Deuteranopia
168, 179, 246



Tritanopia
154, 175, 206

Trichromacy



Original Color

163, 179, 246

Protanomaly

166, 179, 245

Deuteranomaly

166, 179, 246

Tritanomaly

157, 177, 221

Monochromacy



Original Color

163, 179, 246

Achromatopsia

184, 184, 184

Achromatomaly

176, 182, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 179, 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(163, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(163, 183, 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(163, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 183, 246) }
```

Border

The CSS property to change the border of an element to RYB 163, 179, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

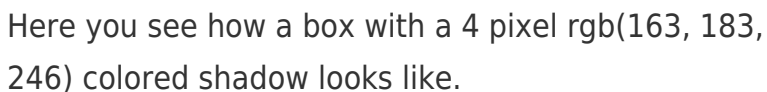
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 183, 246) }
```

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

```
.border{ border-color:rgb(163, 183, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 183, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 183, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 183, 246);  
box-shadow:4px 4px 4px 4px rgb(163, 183,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 163, 179, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 183, 246) }
```

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

```
.background{ background-color: rgb(163,  
183, 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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