

Converting Colors

`RYB(141, 174, 246)`

Have a look what the booklet for
RYB(141, 174, 246) contains.

RYB(141, 174, 246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(141, 174, 246)$

Conversions

Conversions Part 1

Format	Color
Hex	8DBDF6
RGB	141, 189, 246
RGB Percent	55%, 74%, 96%
CMY	0.4471, 0.2583, 0.0353
CMYK	0.43, 0.23, 0.00, 0.04
HSL	212°, 85%, 76%
HSV	212°, 43%, 96%
XYZ	45.8436, 48.7655, 94.1853
YIQ	181.1460, -46.9050, 7.5510

Conversions

Conversions Part 2

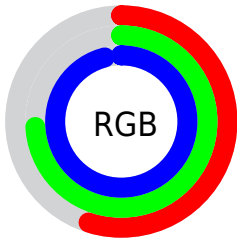
Format	Color
RYB	141, 174, 246
Decimal	9289206
CIELab	75.31, -1.44, -33.14
CIELCh	75, 33.171, 267.513
Yxy	48.7655, 0.2428, 0.2583
Android (android.graphics.Color)	4287479286 (0xFF8DBDF6)
YUV	181.1460, 31.9730, -35.2080
Hunter-Lab	69.8323, -5.0248, -31.0838

Details

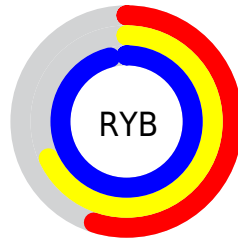
The RYB color **141, 174, 246** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **229, 246, 141**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **198, 224, 255**, and **85, 119, 189** is the 20% darker color. If you saturate the color by 10%, you get **116, 157, 246**, and if you desaturate by 10%, it is **166, 191, 246**.

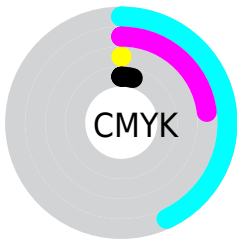
Distribution



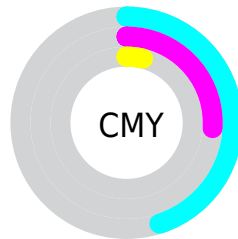
- Red (55%)
- Green (74%)
- Blue (96%)



- Red (55%)
- Yellow (68%)
- Blue (96%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)




- Cyan (45%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 174, 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 141, 174, 246 by changing the saturation by 10% instead.


 141, 174, 246


255, 255, 255

 198, 224, 255

 227, 241, 255

 141, 174, 246

 113, 146, 217

 85, 119, 189

 55, 92, 162

 19, 62, 136

 0, 40, 110

 0, 28, 86

 0, 16, 62

 0, 3, 40

 0, 1, 17

■ 141, 174, 246

■ 141, 174, 246

■ 116, 157, 246

■ 166, 191, 246

■ 92, 140, 246

■ 190, 208, 246

■ 67, 123, 246

■ 215, 225, 246

■ 43, 107, 246

■ 239, 241, 246

■ 18, 89, 246

■ 246, 255, 246

■ 0, 77, 246

Harmonies

Analogous

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



99, 156, 236



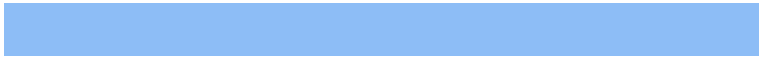
141, 174, 246



186, 178, 240

Triad

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



141, 174, 246



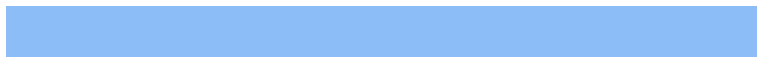
246, 164, 159



142, 190, 199

Complementary

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



141, 174, 246



229, 246, 141

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.



131, 192, 146



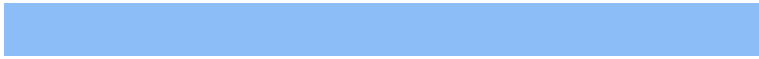
141, 174, 246



233, 194, 135

Square

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



141, 174, 246



243, 163, 189



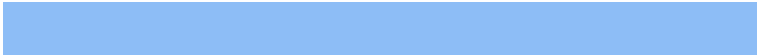
161, 209, 124



107, 160, 202

Rectangle

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



141, 174, 246



212, 171, 227



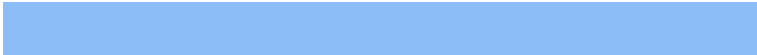
161, 209, 124



143, 197, 186

Sweetspot

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



141, 174, 246



222, 232, 255



141, 209, 246



107, 113, 128



0, 0, 0



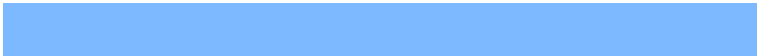
128, 128, 128

Same Dimension

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



141, 174, 246



125, 166, 255



145, 141, 246



110, 114, 122



0, 58, 186



0, 19, 59

Inverse Universe

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



246, 141, 189



255, 125, 185



141, 246, 144



122, 110, 116



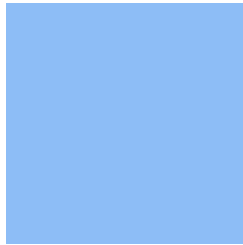
186, 0, 85



59, 0, 27

Previews

White Background



This preview shows how the RYB color 141, 174, 246 looks on a white background.

Color Contrast Check

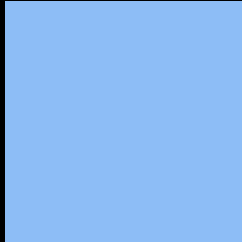
Large Text (above 18pt) WCAG AA × Fail

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 141, 174, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

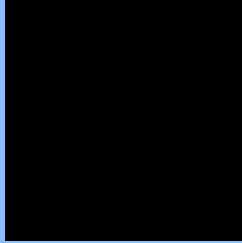
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

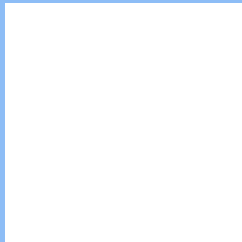
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 141, 174, 246 Background



This preview shows how black text looks on a background with the RYB color 141, 174, 246.



This preview shows how white text looks on a background with the RYB color 141, 174, 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
141, 174, 246

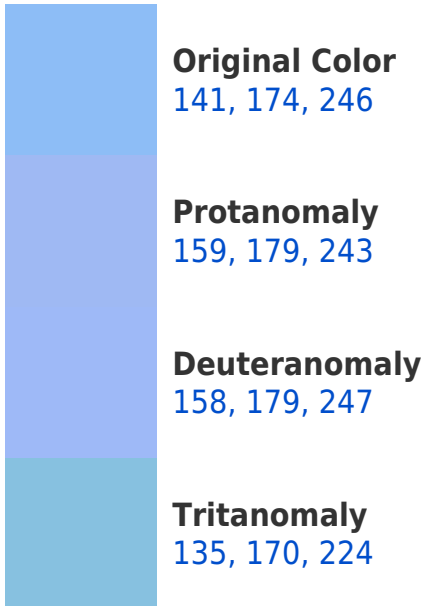
Protanopia
169, 181, 241

Deuteranopia
168, 180, 248

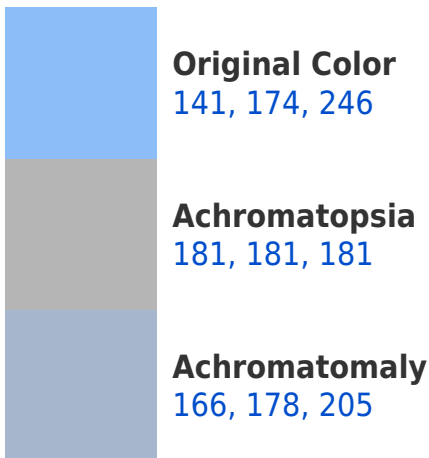


Tritanopia
131, 167, 211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 174, 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(141, 189, 246)` looks like.

```
.text, #text, p{  
    color:rgb(141, 189, 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(141, 189, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 189, 246) }
```

Border

The CSS property to change the border of an element to RYB 141, 174, 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(141, 189, 246) }
```

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

```
.border{ border-color:rgb(141, 189, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 189, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 189, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 189, 246);  
box-shadow:4px 4px 4px 4px rgb(141, 189,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 141, 174, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 189, 246) }
```

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

```
.background{ background-color: rgb(141,  
189, 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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