

Converting Colors

`RYB(134, 144, 227)`

Have a look what the booklet for
RYB(134, 144, 227) contains.

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Color

R_YB(134, 144, 227)

Conversions

Conversions Part 1

Format	Color
Hex	8691E3
RGB	134, 145, 227
RGB Percent	53%, 57%, 89%
CMY	0.4745, 0.4306, 0.1098
CMYK	0.41, 0.36, 0.00, 0.11
HSL	233°, 62%, 71%
HSV	233°, 41%, 89%
XYZ	33.8534, 30.9278, 76.8584
YIQ	151.0590, -32.8780, 23.1700

Conversions

Conversions Part 2

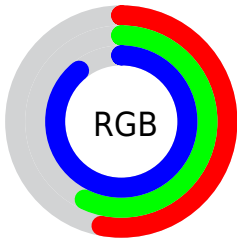
Format	Color
RYB	134, 144, 227
Decimal	8819171
CIELab	62.45, 16.29, -42.82
CIELCh	62, 45.819, 290.830
Yxy	30.9278, 0.2390, 0.2184
Android (android.graphics.Color)	4287009251 (0xFF8691E3)
YUV	151.0590, 37.4389, -14.9607
Hunter-Lab	55.6128, 11.3365, -43.0115

Details

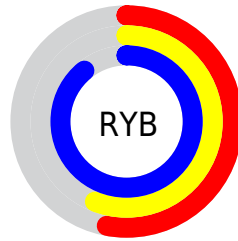
The RYB color **134, 144, 227** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **146, 227, 134**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **190, 198, 255**, and **79, 93, 171** is the 20% darker color. If you saturate the color by 10%, you get **111, 123, 227**, and if you desaturate by 10%, it is **157, 164, 227**.

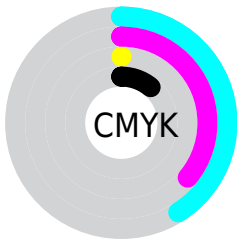
Distribution



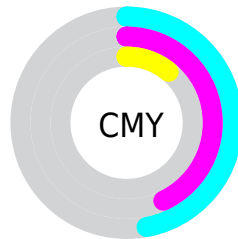
- Red (53%)
- Green (57%)
- Blue (89%)



- Red (53%)
- Yellow (56%)
- Blue (89%)



- Cyan (41%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)




- Cyan (47%)
- Magenta (43%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the RYB color 134, 144, 227 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 134, 144, 227 by changing the saturation by 10% instead.

 134, 144, 227


255, 255, 255

 190, 198, 255

 219, 226, 255

 249, 252, 255

 134, 144, 227

 106, 118, 199

 79, 93, 171

 50, 68, 144

 14, 40, 118

 0, 22, 93

 0, 4, 69

 0, 4, 46

 0, 1, 24

 0, 0, 0

■ 134, 144, 227

■ 134, 144, 227

■ 111, 123, 227

■ 157, 164, 227

■ 89, 103, 227

■ 179, 184, 227

■ 66, 83, 227

■ 202, 205, 227

■ 43, 63, 227

■ 225, 225, 227

■ 21, 42, 227

■ 231, 248, 227

■ 0, 24, 227

■ 227, 255, 227

Harmonies

Analogous

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



36, 111, 231



134, 144, 227



189, 129, 203

Triad

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



134, 144, 227



215, 148, 89



5, 97, 171

Complementary

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



134, 144, 227



146, 227, 134

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.



98, 166, 165



134, 144, 227



135, 186, 69

Square

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



134, 144, 227



228, 118, 124



72, 157, 82



0, 88, 179

Rectangle

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



134, 144, 227



212, 121, 179



72, 157, 82



55, 127, 170

Sweetspot

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



134, 144, 227



224, 228, 255



134, 184, 227



110, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 144, 227



130, 143, 255



168, 134, 227



103, 105, 115



0, 20, 179



0, 5, 51

Inverse Universe

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



227, 134, 145



255, 130, 145



134, 227, 168



115, 103, 105



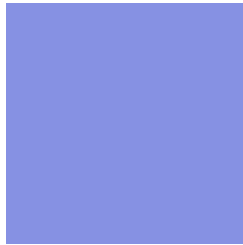
179, 0, 22



51, 0, 6

Previews

White Background



This preview shows how the RYB color 134, 144, 227 looks on a white background.

Color Contrast Check

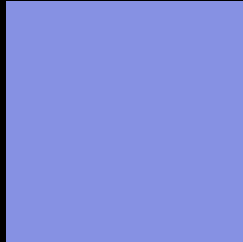
Large Text (above 18pt) WCAG AA × Fail

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 134, 144, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

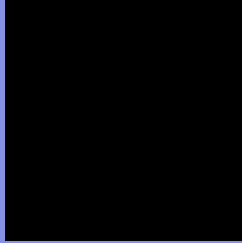
Any Text WCAG AA ✓ Pass

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 134, 144, 227 Background



This preview shows how black text looks on a background with the RYB color 134, 144, 227.



This preview shows how white text looks on a background with the RYB color 134, 144, 227.

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
134, 144, 227

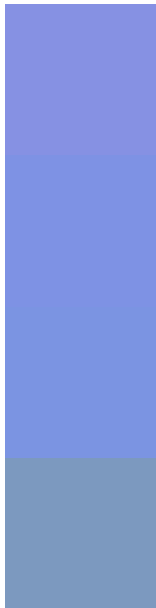
Protanopia
122, 143, 229

Deuteranopia
116, 142, 226



Tritanopia
119, 141, 170

Trichromacy



Original Color
134, 144, 227

Protanomaly
126, 143, 228

Deuteranomaly
123, 143, 226

Tritanomaly
124, 144, 191

Monochromacy



Original Color
134, 144, 227

Achromatopsia
151, 151, 151

Achromatomaly
145, 149, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 144, 227 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(134, 145, 227)` looks like.

```
.text, #text, p{  
    color:rgb(134, 145, 227)  
}
```

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(134, 145, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 145, 227) }
```

Border

The CSS property to change the border of an element to RYB 134, 144, 227 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(134, 145, 227) }
```

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

```
.border{ border-color:rgb(134, 145, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 145, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 145, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 145, 227);  
box-shadow:4px 4px 4px 4px rgb(134, 145,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 134, 144, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 145, 227) }
```

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

```
.background{ background-color: rgb(134,  
145, 227) }
```

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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