

Converting Colors

`RYB(141, 194, 252)`

Have a look what the booklet for
RYB(141, 194, 252) contains.

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Color

RYB(141, 194, 252)

Conversions

Conversions Part 1

Format	Color
Hex	8DF2FC
RGB	141, 242, 252
RGB Percent	55%, 95%, 99%
CMY	0.4471, 0.0493, 0.0118
CMYK	0.44, 0.04, 0.00, 0.01
HSL	185°, 95%, 77%
HSV	185°, 44%, 99%
XYZ	60.4358, 76.4522, 103.6669
YIQ	212.9410, -63.4060, -18.3020

Conversions

Conversions Part 2

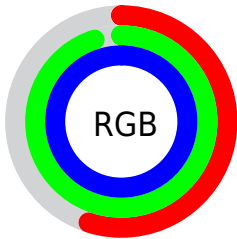
Format	Color
RYB	141, 194, 252
Decimal	9302780
CIELab	90.07, -27.24, -13.88
CIElCh	90, 30.570, 206.996
Yxy	76.4522, 0.2512, 0.3178
Android (android.graphics.Color)	4287492860 (0xFF8DF2FC)
YUV	212.9410, 19.2561, -63.0923
Hunter-Lab	87.4369, -29.6367, -9.0895

Details

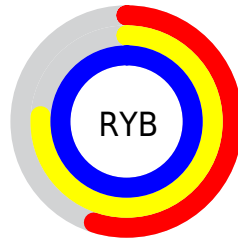
The RYB color **141, 194, 252** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **252, 152, 141**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **200, 228, 255**, and **81, 136, 195** is the 20% darker color. If you saturate the color by 10%, you get **116, 181, 252**, and if you desaturate by 10%, it is **166, 207, 252**.

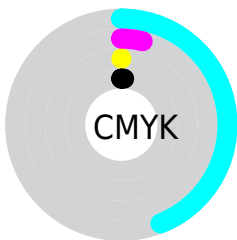
Distribution



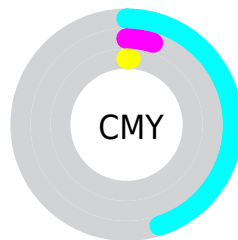
- Red (55%)
- Green (95%)
- Blue (99%)



- Red (55%)
- Yellow (76%)
- Blue (99%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 194, 252 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, 194, 252 by changing the saturation by 10% instead.


 141, 194, 252

 141, 194, 252


255, 255, 255

 112, 165, 223

 200, 228, 255

 81, 136, 195

 230, 243, 255

 48, 106, 168

 0, 68, 142


 0, 56, 116


 0, 43, 92


 0, 32, 68

 0, 21, 46


 0, 2, 26

 141, 194, 252


 141, 194, 252

 116, 181, 252


 166, 207, 252

 91, 168, 252


 191, 220, 252

 65, 154, 252

 217, 234, 252

 40, 141, 252

 242, 247, 252

 15, 128, 252

 255, 254, 252

 0, 120, 252

 252, 255, 252

Harmonies

Analogous

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



156, 205, 243



141, 194, 252



153, 199, 255

Triad

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



141, 194, 252



255, 211, 255



208, 251, 168

Complementary

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



141, 194, 252



252, 152, 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.



255, 244, 179



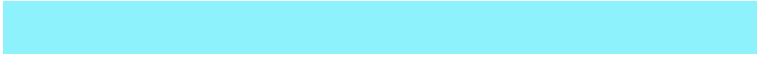
141, 194, 252



255, 206, 231

Square

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



141, 194, 252



227, 220, 255



255, 208, 201



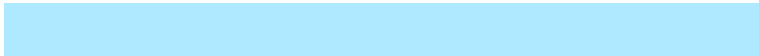
174, 233, 187

Rectangle

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



141, 194, 252



174, 208, 255



255, 208, 201



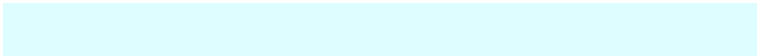
230, 255, 170

Sweetspot

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



141, 194, 252



222, 238, 255



141, 244, 252



107, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 194, 252



120, 184, 255



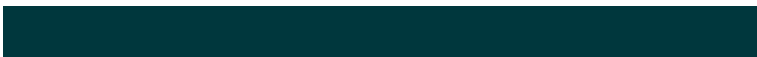
141, 174, 252



112, 118, 125



0, 90, 189



0, 29, 61

Inverse Universe

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



252, 141, 242



255, 120, 243



220, 252, 141



125, 112, 124



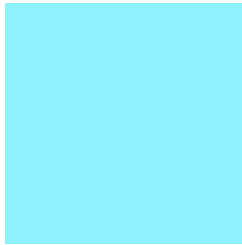
189, 0, 172



61, 0, 56

Previews

White Background



This preview shows how the RYB color 141, 194, 252 looks on a white background.

Color Contrast Check

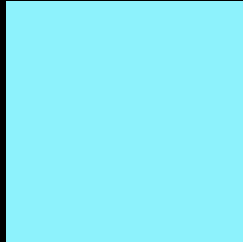
Large Text (above 18pt) WCAG AA × Fail

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, 194, 252 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, 194, 252 Background



This preview shows how black text looks on a background with the RYB color 141, 194, 252.



This preview shows how white text looks on a background with the RYB color 141, 194, 252.

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





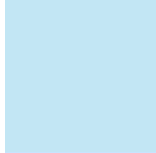
Tritanopia
161, 204, 255

Trichromacy



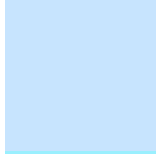
Original Color

141, 194, 252



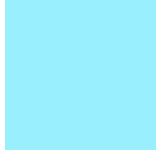
Protanomaly

194, 215, 244



Deuteranomaly

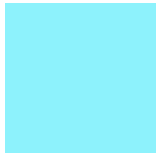
199, 218, 254



Tritanomaly

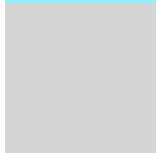
154, 200, 254

Monochromacy



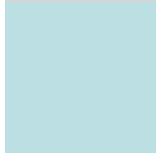
Original Color

141, 194, 252



Achromatopsia

213, 213, 213



Achromatomaly

187, 206, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 194, 252 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, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(141, 242, 252)  
}
```

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, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 242, 252) }
```

Border

The CSS property to change the border of an element to RYB 141, 194, 252 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, 242, 252) }
```

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

```
.border{ border-color:rgb(141, 242, 252) }
```

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

Here you see how a box with a 4 pixel rgb(141, 242, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(141, 242,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 141, 194, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 242, 252) }
```

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

```
.background{ background-color: rgb(141,  
242, 252) }
```

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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