

Converting Colors

`RYB(140, 249, 255)`

Have a look what the booklet for
RYB(140, 249, 255) contains.

RYB(140, 249, 255)	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

R_YB(140, 249, 255)

Conversions

Conversions Part 1

Format	Color
Hex	8CFF92
RGB	140, 255, 146
RGB Percent	55%, 100%, 57%
CMY	0.4510, 0.0000, 0.4262
CMYK	0.45, 0.00, 0.43, 0.00
HSL	123°, 100%, 77%
HSV	123°, 45%, 100%
XYZ	51.7893, 79.1811, 39.8829
YIQ	208.1890, -33.5510, -58.2790

Conversions

Conversions Part 2

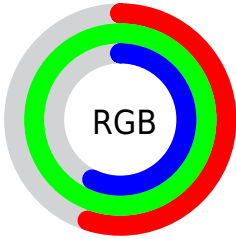
Format	Color
RYB	140, 249, 255
Decimal	9240466
CIELab	91.32, -54.18, 41.93
CIELCh	91, 68.512, 142.267
Yxy	79.1811, 0.3031, 0.4634
Android (android.graphics.Color)	4287430546 (0xFF8CFF92)
YUV	208.1890, -30.6592, -59.8018
Hunter-Lab	88.9837, -51.8331, 35.7146

Details

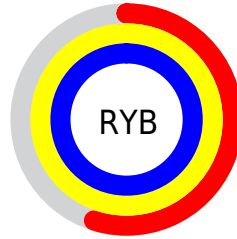
The RYB color **140, 249, 255** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 140, 249**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **199, 253, 255**, and **81, 186, 197** is the 20% darker color. If you saturate the color by 10%, you get **115, 248, 255**, and if you desaturate by 10%, it is **166, 251, 255**.

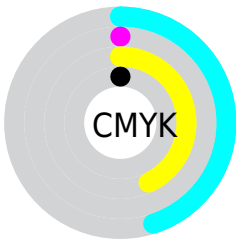
Distribution



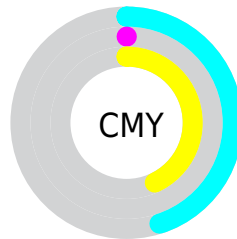
- Red (55%)
- Green (100%)
- Blue (57%)



- Red (55%)
- Yellow (98%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 249, 255 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 140, 249, 255 by changing the saturation by 10% instead.

 140, 249, 255

255, 255, 255


 199, 253, 255

 228, 253, 255

 140, 249, 255

 111, 218, 226

 81, 185, 197

 47, 152, 170

 0, 109, 142

 0, 103, 116

 0, 90, 90

 0, 65, 65

 0, 43, 43

 0, 9, 9

 140, 249, 255

 140, 249, 255

 115, 248, 255

 166, 251, 255

 89, 246, 255

 191, 251, 255

 64, 245, 255

 217, 253, 255

 38, 244, 255

 242, 254, 255

 13, 243, 255

255, 255, 255

 0, 242, 255

Harmonies

Analogous

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



102, 241, 124



140, 249, 255



0, 140, 255

Triad

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



140, 249, 255



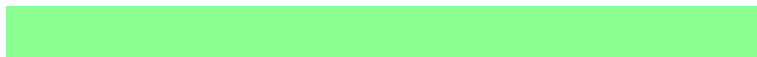
0, 124, 255



255, 176, 184

Complementary

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



140, 249, 255



255, 140, 249

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, 175, 250



140, 249, 255



206, 217, 255

Square

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



140, 249, 255



0, 128, 255



255, 193, 255



238, 255, 128

Rectangle

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



140, 249, 255



0, 128, 255



255, 193, 255



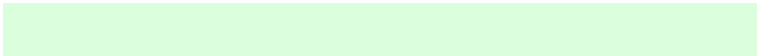
255, 173, 206

Sweetspot

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



140, 249, 255



219, 253, 255



140, 255, 146



106, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

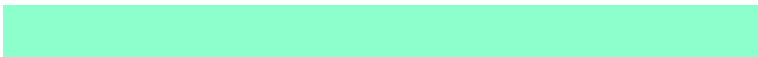
The Same Dimension uses a secret algorithm to generate beautiful new colors.



140, 249, 255



117, 247, 255



140, 214, 255



115, 128, 128



0, 181, 191



0, 60, 64

Inverse Universe

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



255, 140, 249



255, 117, 247



255, 140, 192



128, 115, 127



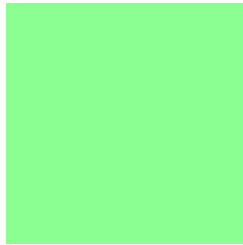
191, 0, 181



64, 0, 60

Previews

White Background



This preview shows how the RYB color 140, 249, 255 looks on a white background.

Color Contrast Check

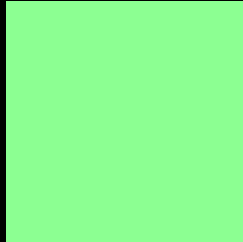
Large Text (above 18pt) WCAG AA × Fail

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 140, 249, 255 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 140, 249, 255 Background



This preview shows how black text looks on a background with the RYB color 140, 249, 255.

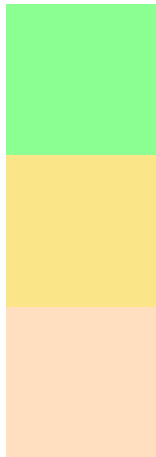


This preview shows how white text looks on a background with the RYB color 140, 249, 255.

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
140, 249, 255

Protanopia
162, 250, 136

Deuteranopia
255, 253, 192



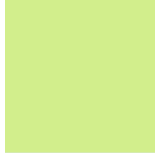
Tritanopia
179, 213, 255

Trichromacy



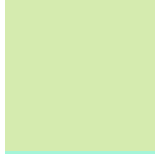
Original Color

140, 249, 255



Protanomaly

140, 238, 168



Deuteranomaly

175, 235, 197



Tritanomaly

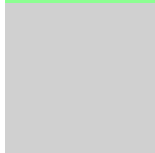
165, 214, 245

Monochromacy



Original Color

140, 249, 255



Achromatopsia

208, 208, 208



Achromatomaly

183, 222, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 249, 255 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(140, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 146)  
}
```

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(140, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 146) }
```

Border

The CSS property to change the border of an element to RYB 140, 249, 255 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(140, 255, 146) }
```

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

```
.border{ border-color:rgb(140, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 140, 249, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 146) }
```

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

```
.background{ background-color: rgb(140,  
255, 146) }
```

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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