

Converting Colors

`RYB(79, 164, 249)`

Have a look what the booklet for
RYB(79, 164, 249) contains.

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Color

`RYB(79, 164, 249)`

Conversions

Conversions Part 1

Format	Color
Hex	4FF9F9
RGB	79, 249, 249
RGB Percent	31%, 98%, 98%
CMY	0.6902, 0.0235, 0.0235
CMYK	0.68, 0.00, 0.00, 0.02
HSL	180°, 93%, 64%
HSV	180°, 68%, 98%
XYZ	54.1990, 76.2532, 101.4843
YIQ	198.1700, -101.3200, -36.0400

Conversions

Conversions Part 2

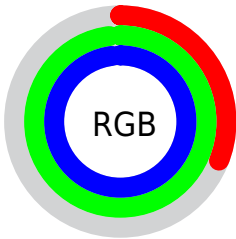
Format	Color
R _Y B	79, 164, 249
Decimal	5241337
CIE Lab	89.98, -42.17, -12.64
CIE LCh	90, 44.027, 196.690
Yxy	76.2532, 0.2337, 0.3288
Android (android.graphics.Color)	4283431417 (0xFF4FF9F9)
YUV	198.1700, 25.0592, -104.5121
Hunter-Lab	87.3231, -42.0254, -7.7789

Details

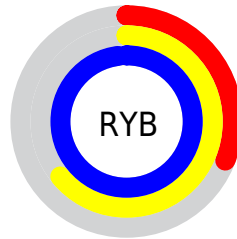
The RYB color **79, 164, 249** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **249, 79, 79**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **149, 202, 255**, and **0, 96, 193** is the 20% darker color. If you saturate the color by 10%, you get **54, 152, 249**, and if you desaturate by 10%, it is **104, 177, 249**.

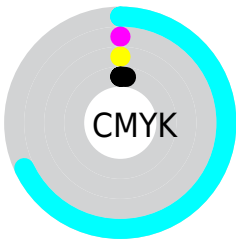
Distribution



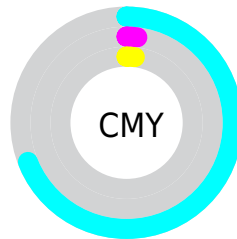
- Red (31%)
- Green (98%)
- Blue (98%)



- Red (31%)
- Yellow (64%)
- Blue (98%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



















- Cyan (69%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the RYB color 79, 164, 249 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 79, 164, 249 by changing the saturation by 10% instead.


 79, 164, 249	 79, 164, 249
 255, 255, 255	 24, 122, 220
 149, 202, 255	 0, 96, 193
 182, 219, 255	 0, 82, 166
 213, 234, 255	 0, 69, 139
 245, 250, 255	 0, 56, 114
	 0, 44, 89
	 0, 32, 66
	 0, 21, 44
	 0, 1, 24

 79, 164, 249

 79, 164, 249

 54, 152, 249

 104, 177, 249

 29, 139, 249

 129, 189, 249

 4, 127, 249

 154, 202, 249

 0, 125, 249

 179, 214, 249

 204, 227, 249

 228, 239, 249

 253, 249, 249

 255, 249, 249

Harmonies

Analogous

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



131, 202, 248



79, 164, 249



74, 162, 255

Triad

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



79, 164, 249



255, 207, 255



203, 255, 145

Complementary

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



79, 164, 249



249, 79, 79

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, 228, 167



79, 164, 249



255, 196, 247

Square

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



79, 164, 249



204, 217, 255



255, 195, 204



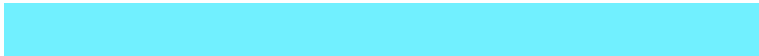
144, 231, 144

Rectangle

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



79, 164, 249



113, 180, 255



255, 195, 204



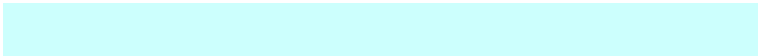
223, 255, 150

Sweetspot

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



79, 164, 249



204, 230, 255



79, 249, 249



97, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 164, 249



46, 151, 255



79, 136, 249



112, 119, 125



0, 95, 189



0, 31, 61

Inverse Universe

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



249, 79, 249



255, 46, 255



249, 249, 79



125, 112, 125



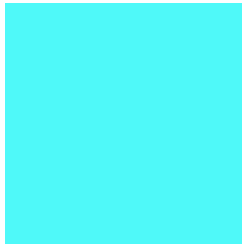
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 79, 164, 249 looks on a white background.

Color Contrast Check

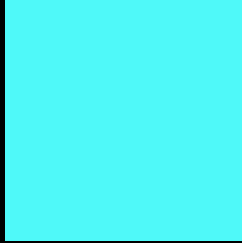
Large Text (above 18pt) WCAG AA × Fail

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 79, 164, 249 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 79, 164, 249 Background



This preview shows how black text looks on a background with the RYB color 79, 164, 249.

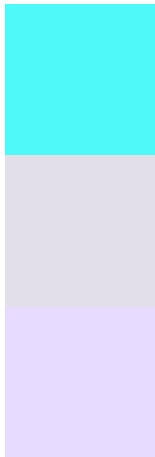


This preview shows how white text looks on a background with the RYB color 79, 164, 249.

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](#).

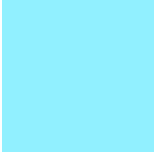
Dichromacy



Original Color
79, 164, 249

Protanopia
226, 223, 233

Deuteranopia
231, 219, 255



Tritanopia
145, 196, 255

Trichromacy



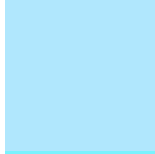
Original Color

79, 164, 249



Protanomaly

173, 204, 239



Deuteranomaly

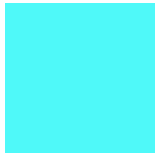
176, 208, 253



Tritanomaly

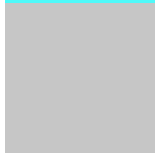
121, 184, 253

Monochromacy



Original Color

79, 164, 249



Achromatopsia

198, 198, 198



Achromatomaly

155, 186, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 164, 249 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(79, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(79, 249, 249)  
}
```

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(79, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 249, 249) }
```

Border

The CSS property to change the border of an element to RYB 79, 164, 249 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(79, 249, 249) }
```

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

```
.border{ border-color:rgb(79, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(79, 249,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 79, 164, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 249, 249) }
```

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

```
.background{ background-color: rgb(79, 249,  
249) }
```

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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