

Converting Colors

`RYB(74, 167, 254)`

Have a look what the booklet for
RYB(74, 167, 254) contains.

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Color

RYB(74, 167, 254)

Conversions

Conversions Part 1

Format	Color
Hex	4AFEF2
RGB	74, 254, 242
RGB Percent	29%, 100%, 95%
CMY	0.7098, 0.0039, 0.0495
CMYK	0.71, 0.00, 0.05, 0.00
HSL	176°, 99%, 64%
HSV	176°, 71%, 100%
XYZ	54.3511, 78.7736, 96.6498
YIQ	198.8120, -103.4280, -41.8920

Conversions

Conversions Part 2

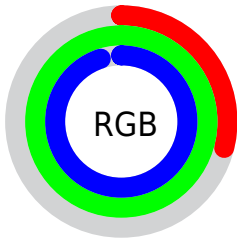
Format	Color
RYB	74, 167, 254
Decimal	4914930
CIELab	91.13, -46.76, -7.50
CIELCh	91, 47.361, 189.112
Yxy	78.7736, 0.2365, 0.3428
Android (android.graphics.Color)	4283105010 (0xFF4AFEF2)
YUV	198.8120, 21.2917, -109.4601
Hunter-Lab	88.7545, -46.0113, -2.4361

Details

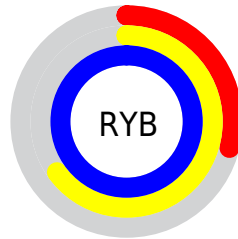
The RYB color **74, 167, 254** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **254, 74, 86**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **146, 201, 255**, and **0, 101, 197** is the 20% darker color. If you saturate the color by 10%, you get **49, 155, 254**, and if you desaturate by 10%, it is **99, 179, 254**.

Distribution



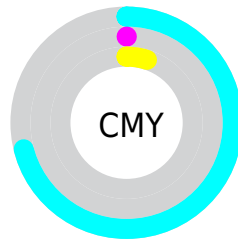
- Red (29%)
- Green (100%)
- Blue (95%)



- Red (29%)
- Yellow (65%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



















- Cyan (71%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 74, 167, 254 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 74, 167, 254 by changing the saturation by 10% instead.

 74, 167, 254	 74, 167, 254
 255, 255, 255	 5, 118, 225
 146, 201, 255	 0, 101, 197
 179, 217, 255	 0, 87, 169
 211, 233, 255	 0, 73, 142
 242, 249, 255	 0, 59, 115
	 0, 47, 90
	 0, 34, 65
	 0, 23, 43
	 0, 6, 19

■ 74, 167, 254

■ 74, 167, 254

■ 49, 155, 254

■ 99, 179, 254

■ 23, 142, 254

■ 125, 192, 254

■ 0, 131, 254

■ 150, 204, 254

■ 176, 216, 254

■ 201, 228, 254

■ 226, 241, 254

■ 252, 253, 254

255, 254, 255

Harmonies

Analogous

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



140, 214, 251



74, 167, 254



26, 139, 255

Triad

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



74, 167, 254



253, 213, 255



205, 255, 145

Complementary

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



74, 167, 254



254, 74, 86

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, 215, 174



74, 167, 254



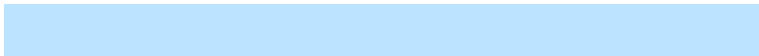
255, 199, 255

Square

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



74, 167, 254



186, 212, 255



255, 194, 217



156, 246, 139

Rectangle

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



74, 167, 254



78, 164, 255



255, 194, 217



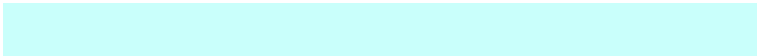
230, 255, 153

Sweetspot

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



74, 167, 254



201, 229, 255



74, 254, 242



96, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



74, 167, 254



38, 150, 255



74, 139, 254



115, 122, 128



0, 99, 191



0, 33, 64

Inverse Universe

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



254, 74, 86



255, 38, 52



254, 212, 74



128, 115, 116



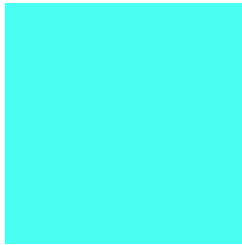
191, 0, 12



64, 0, 4

Previews

White Background



This preview shows how the RYB color 74, 167, 254 looks on a white background.

Color Contrast Check

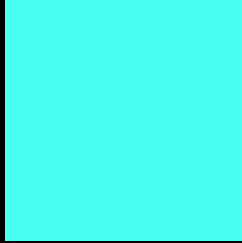
Large Text (above 18pt) WCAG AA × Fail

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 74, 167, 254 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

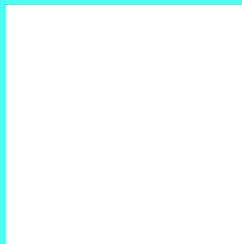
Any Text WCAG AAA ✓ Pass

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

R Y B 74, 167, 254 Background



This preview shows how black text looks on a background with the R Y B color 74, 167, 254.

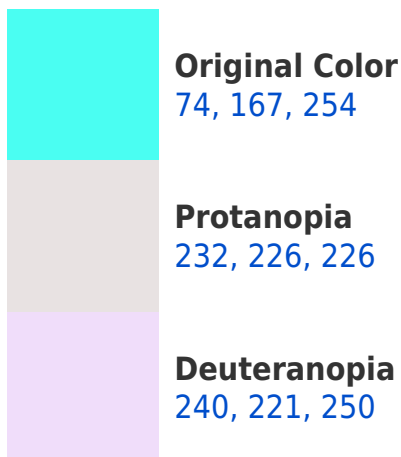


This preview shows how white text looks on a background with the R Y B color 74, 167, 254.

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](#).

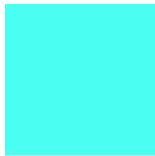
Dichromacy





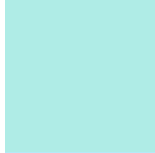
Tritanopia
160, 204, 255

Trichromacy



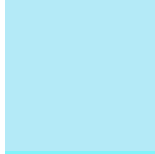
Original Color

74, 167, 254



Protanomaly

175, 207, 236



Deuteranomaly

180, 210, 247



Tritanomaly

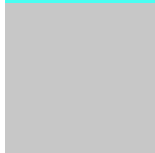
129, 188, 250

Monochromacy



Original Color

74, 167, 254



Achromatopsia

199, 199, 199



Achromatomaly

154, 188, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 167, 254 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(74, 254, 242)` looks like.

```
.text, #text, p{  
    color:rgb(74, 254, 242)  
}
```

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(74, 254, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 254, 242) }
```

Border

The CSS property to change the border of an element to RYB 74, 167, 254 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(74, 254, 242) }
```

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

```
.border{ border-color:rgb(74, 254, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 254, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(74, 254,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 74, 167, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 254, 242) }
```

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

```
.background{ background-color: rgb(74, 254,  
242) }
```

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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