

Converting Colors

`RYB(94, 255, 232)`

Have a look what the booklet for
RYB(94, 255, 232) contains.

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Color

`RYB(94, 255, 232)`

Conversions

Conversions Part 1

Format	Color
Hex	75FF5E
RGB	117, 255, 94
RGB Percent	46%, 100%, 37%
CMY	0.5412, 0.0000, 0.6314
CMYK	0.54, 0.00, 0.63, 0.00
HSL	111°, 100%, 68%
HSV	111°, 63%, 100%
XYZ	45.1165, 76.1101, 22.9025
YIQ	195.3840, -30.5670, -79.3270

Conversions

Conversions Part 2

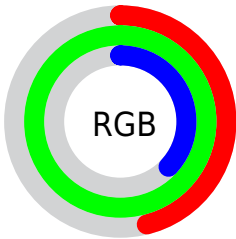
Format	Color
RYB	94, 255, 232
Decimal	7733086
CIELab	89.91, -66.48, 63.66
CIELCh	90, 92.043, 136.239
Yxy	76.1101, 0.3130, 0.5281
Android (android.graphics.Color)	4285923166 (0xFF75FF5E)
YUV	195.3840, -49.9823, -68.7428
Hunter-Lab	87.2411, -60.3611, 45.5040

Details

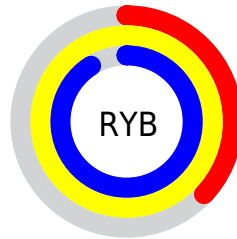
The RYB color **94, 255, 232** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **232, 94, 255**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **150, 255, 226**, and **34, 197, 186** is the 20% darker color. If you saturate the color by 10%, you get **69, 255, 229**, and if you desaturate by 10%, it is **120, 255, 236**.

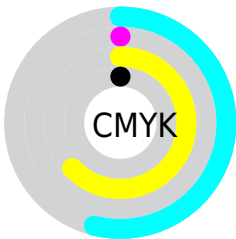
Distribution



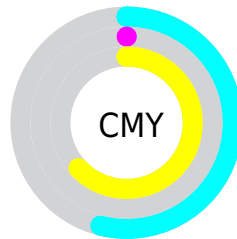
- Red (46%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)















- Cyan (54%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 255, 232 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 94, 255, 232 by changing the saturation by 10% instead.

 94, 255, 232	 94, 255, 232
 255, 255, 255	 66, 226, 208
 150, 255, 226	 34, 197, 186
 178, 255, 223	 0, 169, 169
 207, 255, 222	 0, 142, 142
 236, 255, 236	 0, 115, 115
	 0, 89, 89
	 0, 64, 64
	 0, 40, 40
	 0, 0, 0

■ 94, 255, 232

■ 94, 255, 232

■ 69, 255, 229

■ 120, 255, 236

■ 43, 255, 225

■ 145, 255, 239

■ 18, 255, 222

■ 171, 255, 243

■ 0, 255, 219

■ 196, 255, 247

■ 222, 255, 251

■ 247, 255, 254

255, 255, 255

Harmonies

Analogous

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



0, 237, 13



94, 255, 232



0, 149, 255

Triad

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



94, 255, 232



0, 126, 255



255, 139, 182

Complementary

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



94, 255, 232



232, 94, 255

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, 144, 255



94, 255, 232



135, 185, 255

Square

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



94, 255, 232



0, 128, 255



255, 180, 255



255, 226, 101

Rectangle

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



94, 255, 232



0, 131, 255



255, 180, 255



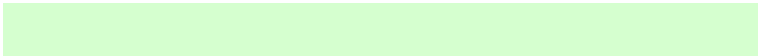
255, 136, 211

Sweetspot

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



94, 255, 232



207, 255, 249



122, 255, 94



98, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



94, 255, 232



61, 255, 227



94, 213, 255



115, 128, 126



0, 191, 164



0, 64, 55

Inverse Universe

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



232, 94, 255



227, 61, 255



255, 94, 199



126, 115, 128



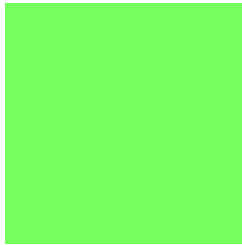
164, 0, 191



55, 0, 64

Previews

White Background



This preview shows how the RYB color 94, 255, 232 looks on a white background.

Color Contrast Check

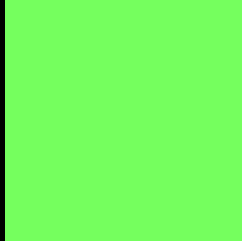
Large Text (above 18pt) WCAG AA × Fail

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 94, 255, 232 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

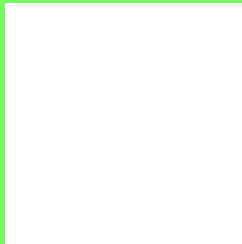
Any Text WCAG AAA ✓ Pass

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

RYB 94, 255, 232 Background



This preview shows how black text looks on a background with the RYB color 94, 255, 232.

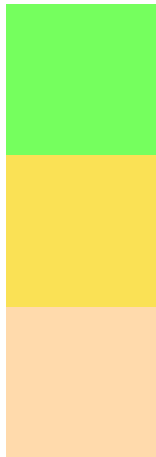


This preview shows how white text looks on a background with the RYB color 94, 255, 232.

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

94, 255, 232

Protanopia

114, 250, 85

Deuteranopia

239, 255, 172



Tritanopia
160, 203, 255

Trichromacy



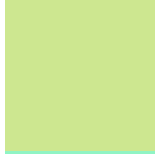
Original Color

94, 255, 232



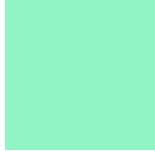
Protanomaly

88, 236, 122



Deuteranomaly

144, 231, 170



Tritanomaly

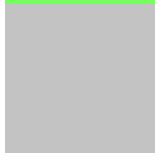
144, 210, 244

Monochromacy



Original Color

94, 255, 232



Achromatopsia

195, 195, 195



Achromatomaly

158, 217, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 255, 232 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(117, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 94)  
}
```

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(117, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 255, 232 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(117, 255, 94) }
```

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

```
.border{ border-color:rgb(117, 255, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 255, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 255, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 94) }
```

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

```
.background{ background-color: rgb(117,  
255, 94) }
```

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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