

Converting Colors

`RYB(98, 169, 255)`

Have a look what the booklet for RYB(98, 169, 255) contains.

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Color

RYB(98, 169, 255)

Conversions

Conversions Part 1

Format	Color
Hex	62E4FF
RGB	98, 228, 255
RGB Percent	38%, 89%, 100%
CMY	0.6157, 0.1074, 0.0000
CMYK	0.62, 0.11, 0.00, 0.00
HSL	190°, 100%, 69%
HSV	190°, 62%, 100%
XYZ	50.7250, 65.0926, 104.4984
YIQ	192.2080, -86.1470, -19.1630

Conversions

Conversions Part 2

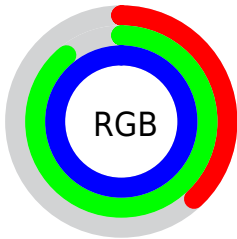
Format	Color
R _Y B	98, 169, 255
Decimal	6481151
CIE Lab	84.53, -27.76, -23.95
CIE LCh	85, 36.660, 220.788
Yxy	65.0926, 0.2302, 0.2955
Android (android.graphics.Color)	4284671231 (0xFF62E4FF)
YUV	192.2080, 30.9565, -82.6204
Hunter-Lab	80.6800, -28.9638, -20.3177

Details

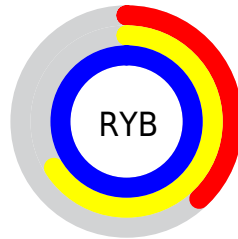
The RYB color **98, 169, 255** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **255, 131, 98**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **162, 209, 255**, and **0, 92, 198** is the 20% darker color. If you saturate the color by 10%, you get **73, 155, 255**, and if you desaturate by 10%, it is **123, 183, 255**.

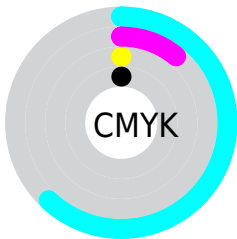
Distribution



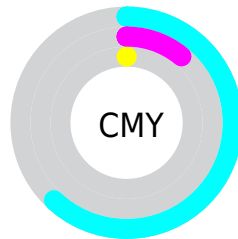
- Red (38%)
- Green (89%)
- Blue (100%)



- Red (38%)
- Yellow (66%)
- Blue (100%)



- Cyan (62%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)


















- Cyan (62%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 169, 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 98, 169, 255 by changing the saturation by 10% instead.

 98, 169, 255	 98, 169, 255
 255, 255, 255	 61, 136, 226
 162, 209, 255	 0, 92, 198
 193, 224, 255	 0, 78, 171
 224, 240, 255	 0, 65, 144
	 0, 53, 119
	 0, 40, 94
	 0, 28, 70
	 0, 17, 48
	 0, 1, 27

■ 98, 169, 255

■ 98, 169, 255

■ 73, 155, 255

■ 123, 183, 255

■ 47, 141, 255

■ 149, 197, 255

■ 22, 127, 255

■ 175, 211, 255

■ 0, 115, 255

■ 200, 225, 255

■ 226, 239, 255

■ 251, 253, 255

■ 255, 255, 255

Harmonies

Analogous

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



107, 170, 230



98, 169, 255



132, 184, 255

Triad

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



98, 169, 255



255, 188, 235



153, 223, 142

Complementary

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



98, 169, 255



255, 131, 98

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.



250, 254, 146



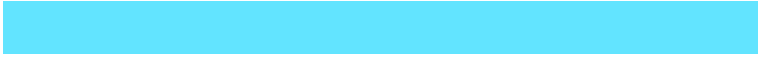
98, 169, 255



255, 185, 200

Square

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



98, 169, 255



232, 198, 255



255, 198, 167



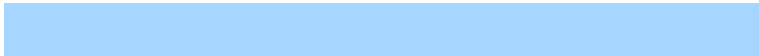
158, 222, 196

Rectangle

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



98, 169, 255



166, 197, 255



255, 198, 167



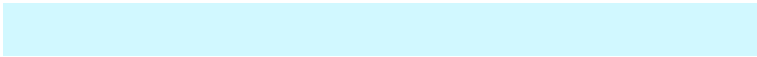
176, 234, 142

Sweetspot

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



98, 169, 255



209, 230, 255



98, 233, 255



99, 112, 128



0, 0, 0



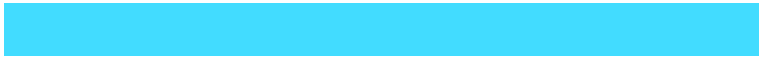
128, 128, 128

Same Dimension

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



98, 169, 255



66, 151, 255



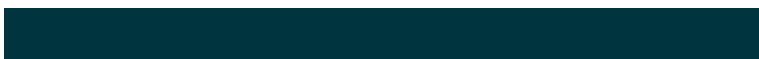
98, 137, 255



115, 121, 128



0, 86, 191



0, 29, 64

Inverse Universe

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



255, 98, 228



255, 66, 222



176, 255, 98



128, 115, 125



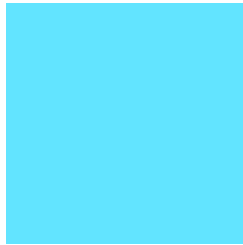
191, 0, 158



64, 0, 53

Previews

White Background



This preview shows how the RYB color 98, 169, 255 looks on a white background.

Color Contrast Check

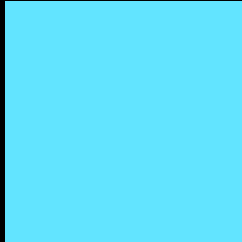
Large Text (above 18pt) WCAG AA × Fail

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 98, 169, 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 98, 169, 255 Background



This preview shows how black text looks on a background with the RYB color 98, 169, 255.

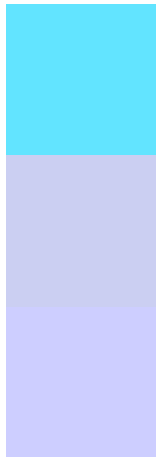


This preview shows how white text looks on a background with the RYB color 98, 169, 255.

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](#).

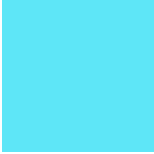
Dichromacy



Original Color
98, 169, 255

Protanopia
203, 207, 242

Deuteranopia
205, 206, 255



Tritanopia
94, 166, 247

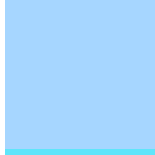
Trichromacy



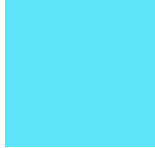
Original Color
98, 169, 255



Protanomaly
165, 196, 247



Deuteranomaly
166, 197, 255

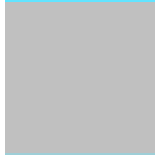


Tritanomaly
95, 167, 250

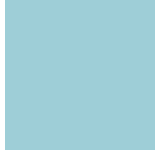
Monochromacy



Original Color
98, 169, 255



Achromatopsia
192, 192, 192



Achromatomaly
158, 184, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 169, 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(98, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(98, 228, 255)  
}
```

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(98, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 228, 255) }
```

Border

The CSS property to change the border of an element to RYB 98, 169, 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(98, 228, 255) }
```

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

```
.border{ border-color:rgb(98, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 228,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 98, 169, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 228, 255) }
```

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

```
.background{ background-color: rgb(98, 228,  
255) }
```

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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