

Converting Colors

`RYB(98, 181, 250)`

Have a look what the booklet for
RYB(98, 181, 250) contains.

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Color

RYB(98, 181, 250)

Conversions

Conversions Part 1

Format	Color
Hex	62FAE0
RGB	98, 250, 224
RGB Percent	38%, 98%, 88%
CMY	0.6157, 0.0196, 0.1202
CMYK	0.61, 0.00, 0.10, 0.02
HSL	170°, 94%, 68%
HSV	170°, 61%, 98%
XYZ	52.7262, 76.3693, 82.7401
YIQ	201.5880, -82.2460, -40.3100

Conversions

Conversions Part 2

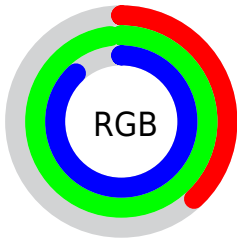
Format	Color
R _Y B	98, 181, 250
Decimal	6486752
CIE Lab	90.03, -46.19, 0.30
CIE LCh	90, 46.195, 179.624
Yxy	76.3693, 0.2489, 0.3605
Android (android.graphics.Color)	4284676832 (0xFF62FAE0)
YUV	201.5880, 11.0491, -90.8467
Hunter-Lab	87.3896, -45.2342, 5.0371

Details

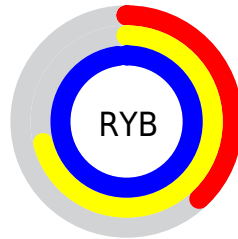
The RYB color **98, 181, 250** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **250, 98, 124**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **162, 209, 255**, and **0, 103, 193** is the 20% darker color. If you saturate the color by 10%, you get **73, 170, 250**, and if you desaturate by 10%, it is **123, 192, 250**.

Distribution



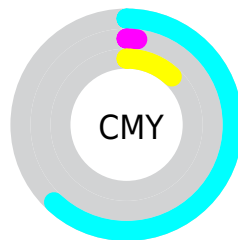
- Red (38%)
- Green (98%)
- Blue (88%)



- Red (38%)
- Yellow (71%)
- Blue (98%)



- Cyan (61%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)
















- Cyan (62%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 181, 250 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, 181, 250 by changing the saturation by 10% instead.

 98, 181, 250	 98, 181, 250
 255, 255, 255	 61, 148, 221
 162, 209, 255	 0, 103, 193
 193, 224, 255	 0, 88, 165
 224, 240, 255	 0, 75, 138
	 0, 61, 112
	 0, 48, 86
	 0, 35, 62
	 0, 25, 41
	 0, 0, 0

■ 98, 181, 250

■ 98, 181, 250

■ 73, 170, 250

■ 123, 192, 250

■ 48, 158, 250

■ 148, 204, 250

■ 23, 147, 250

■ 173, 215, 250

■ 0, 136, 250

■ 198, 226, 250

■ 223, 238, 250

■ 248, 249, 250

■ 255, 250, 254

■ 255, 250, 255

Harmonies

Analogous

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



158, 228, 246



98, 181, 250



40, 146, 255

Triad

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



98, 181, 250



231, 215, 255



237, 255, 151

Complementary

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



98, 181, 250



250, 98, 124

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, 198, 185



98, 181, 250



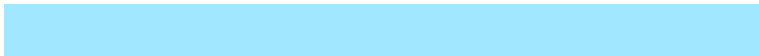
255, 200, 255

Square

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



98, 181, 250



161, 201, 255



255, 192, 229



179, 255, 137

Rectangle

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



98, 181, 250



58, 154, 255



255, 192, 229



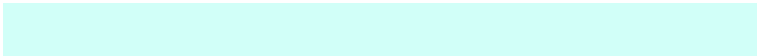
255, 237, 161

Sweetspot

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



98, 181, 250



209, 234, 255



98, 250, 222



99, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



98, 181, 250



69, 170, 255



98, 160, 250



112, 119, 125



0, 103, 189



0, 33, 61

Inverse Universe

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



250, 98, 124



255, 69, 100



250, 168, 98



125, 112, 115



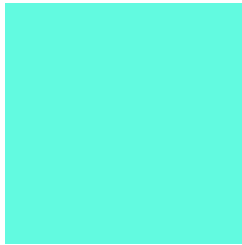
189, 0, 32



61, 0, 10

Previews

White Background



This preview shows how the RYB color 98, 181, 250 looks on a white background.

Color Contrast Check

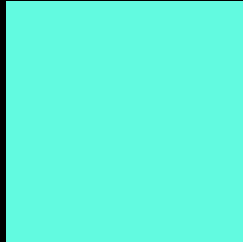
Large Text (above 18pt) WCAG AA × Fail

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, 181, 250 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, 181, 250 Background



This preview shows how black text looks on a background with the RYB color 98, 181, 250.

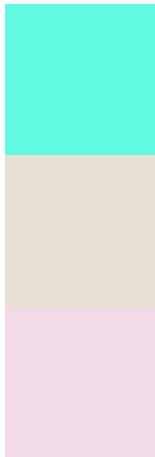


This preview shows how white text looks on a background with the RYB color 98, 181, 250.

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, 181, 250

Protanopia
223, 232, 210

Deuteranopia
243, 218, 231



Tritanopia
151, 199, 255

Trichromacy



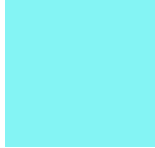
Original Color
98, 181, 250



Protanomaly
183, 213, 233



Deuteranomaly
190, 210, 230

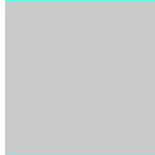


Tritanomaly
132, 188, 244

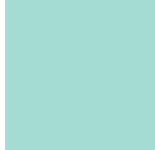
Monochromacy



Original Color
98, 181, 250



Achromatopsia
202, 202, 202



Achromatomaly
164, 194, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 181, 250 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, 250, 224)` looks like.

```
.text, #text, p{  
    color:rgb(98, 250, 224)  
}
```

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, 250, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 250, 224) }
```

Border

The CSS property to change the border of an element to RYB 98, 181, 250 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, 250, 224) }
```

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

```
.border{ border-color:rgb(98, 250, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 250, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 250, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 250, 224);  
box-shadow:4px 4px 4px 4px rgb(98, 250,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 98, 181, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 250, 224) }
```

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

```
.background{ background-color: rgb(98, 250,  
224) }
```

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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