

Converting Colors

RGB(98, 240, 215)

Have a look what the booklet for
RGB(98, 240, 215) contains.

RGB(98, 240, 215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(98, 240, 215)

Conversions

Conversions Part 1

Format	Color
Hex	62F0D7
RGB	98, 240, 215
RGB Percent	38%, 94%, 84%
CMY	0.6157, 0.0588, 0.1569
CMYK	0.59, 0.00, 0.10, 0.06
HSL	169°, 83%, 66%
HSV	169°, 59%, 94%
XYZ	48.4628, 69.8231, 75.2129
YIQ	194.6920, -76.6070, -37.8790

Conversions

Conversions Part 2

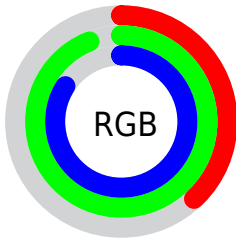
Format	Color
RYB	98, 176, 240
Decimal	6484183
CIELab	86.91, -44.13, 0.63
CIELCh	87, 44.134, 179.176
Yxy	69.8231, 0.2505, 0.3608
Android (android.graphics.Color)	4284674263 (0xFF62F0D7)
YUV	194.6920, 10.0118, -84.7989
Hunter-Lab	83.5602, -42.7049, 5.1250

Details

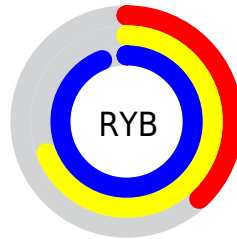
The RGB color **98, 240, 215** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **240, 98, 123**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **160, 255, 255**, and **2, 183, 160** is the 20% darker color. If you saturate the color by 10%, you get **74, 240, 211**, and if you desaturate by 10%, it is **122, 240, 219**.

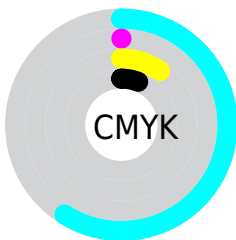
Distribution



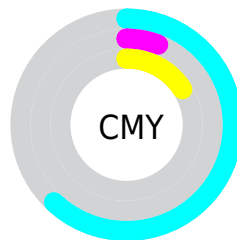
- Red (38%)
- Green (94%)
- Blue (84%)



- Red (38%)
- Yellow (69%)
- Blue (94%)



- Cyan (59%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



















- Cyan (62%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 240, 215 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 RGB color 98, 240, 215 by changing the saturation by 10% instead.

 98, 240, 215	 98, 240, 215
 255, 255, 255	 63, 211, 187
 160, 255, 255	 2, 183, 160
 191, 255, 255	 0, 156, 134
 221, 255, 255	 0, 129, 109
 252, 255, 255	 0, 103, 85
	 0, 78, 62
	 0, 54, 40
	 0, 32, 20
	 0, 0, 0

■ 98, 240, 215

■ 98, 240, 215

■ 74, 240, 211

■ 122, 240, 219

■ 50, 240, 207

■ 146, 240, 223

■ 26, 240, 202

■ 170, 240, 228

■ 2, 240, 198

■ 194, 240, 232

■ 0, 240, 198

■ 218, 240, 236

■ 242, 240, 240

■ 255, 240, 245

■ 255, 240, 249

■ 255, 240, 253

Harmonies

Analogous

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



153, 236, 173



98, 240, 215



48, 239, 255

Triad

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



98, 240, 215



221, 207, 255



255, 200, 147

Complementary

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



98, 240, 215



240, 98, 123

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, 188, 179



98, 240, 215



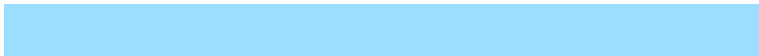
255, 193, 255

Square

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



98, 240, 215



155, 222, 255



255, 185, 220



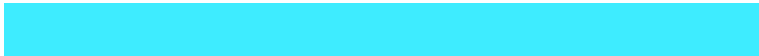
246, 215, 133

Rectangle

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



98, 240, 215



62, 236, 255



255, 185, 220



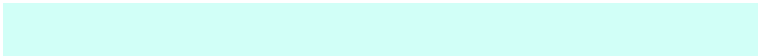
255, 196, 156

Sweetspot

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



98, 240, 215



209, 255, 247



124, 240, 98



99, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



98, 240, 215



74, 255, 223



98, 195, 240



108, 120, 118



0, 184, 151



0, 56, 46

Inverse Universe

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



240, 98, 123



255, 74, 106



240, 143, 98



120, 108, 110



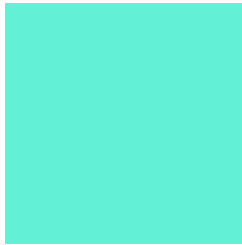
184, 0, 32



56, 0, 10

Previews

White Background



This preview shows how the RGB color 98, 240, 215 looks on a white background.

Color Contrast Check

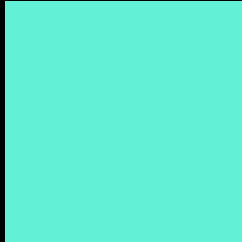
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 98, 240, 215 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](#).

RGB 98, 240, 215 Background



This preview shows how black text looks on a background with the RGB color 98, 240, 215.

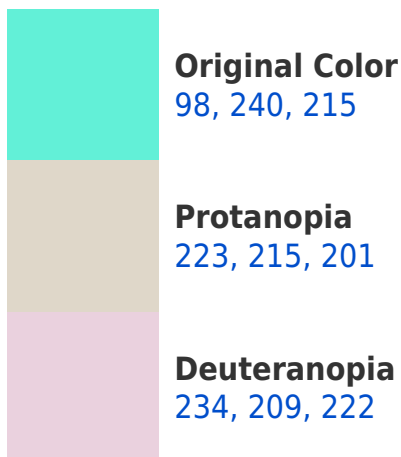


This preview shows how white text looks on a background with the RGB color 98, 240, 215.

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
113, 234, 253

Trichromacy



Original Color

98, 240, 215



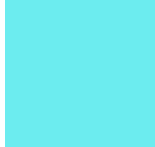
Protanomaly

178, 224, 206



Deuteranomaly

185, 220, 219



Tritanomaly

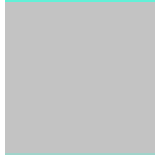
108, 236, 239

Monochromacy



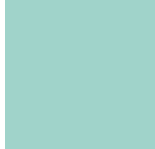
Original Color

98, 240, 215



Achromatopsia

195, 195, 195



Achromatomaly

160, 211, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 240, 215 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, 240, 215)` looks like.

```
.text, #text, p{  
    color:rgb(98, 240, 215)  
}
```

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, 240, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 240, 215) }
```

Border

The CSS property to change the border of an element to RGB 98, 240, 215 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, 240, 215) }
```

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

```
.border{ border-color:rgb(98, 240, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 240, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 240, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 240, 215);  
box-shadow:4px 4px 4px 4px rgb(98, 240,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 98, 240, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 240, 215) }
```

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

```
.background{ background-color: rgb(98, 240,  
215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor