

Converting Colors

`RYB(98, 217, 210)`

Have a look what the booklet for
RYB(98, 217, 210) contains.

RYB(98, 217, 210)	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

RYB(98, 217, 210)

Conversions

Conversions Part 1

Format	Color
Hex	69D962
RGB	105, 217, 98
RGB Percent	41%, 85%, 38%
CMY	0.5882, 0.1490, 0.6157
CMYK	0.52, 0.00, 0.55, 0.15
HSL	116°, 61%, 62%
HSV	116°, 55%, 85%
XYZ	32.8432, 53.5108, 20.1529
YIQ	169.9460, -28.5530, -60.7530

Conversions

Conversions Part 2

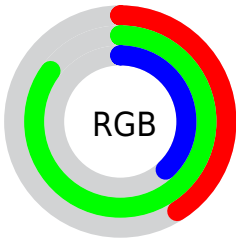
Format	Color
RYB	98, 217, 210
Decimal	6936930
CIELab	78.18, -55.07, 48.39
CIElCh	78, 73.308, 138.690
Yxy	53.5108, 0.3084, 0.5024
Android (android.graphics.Color)	4285127010 (0xFF69D962)
YUV	169.9460, -35.4694, -56.9576
Hunter-Lab	73.1511, -47.8720, 34.8716

Details

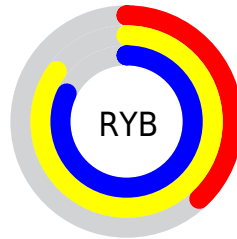
The RYB color **98, 217, 210** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **210, 98, 217**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **151, 255, 242**, and **40, 155, 161** is the 20% darker color. If you saturate the color by 10%, you get **76, 217, 208**, and if you desaturate by 10%, it is **120, 217, 212**.

Distribution



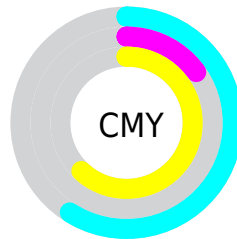
- Red (41%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (82%)



- Cyan (52%)
- Magenta (0%)
- Yellow (55%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 217, 210 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, 217, 210 by changing the saturation by 10% instead.

 98, 217, 210

255, 255, 255


 151, 255, 242


 179, 255, 241

 207, 255, 239

 236, 255, 238

 98, 217, 210

 72, 189, 186


 40, 155, 161

 0, 121, 134

 0, 108, 108

 0, 82, 82

 0, 58, 58

 0, 35, 35

 0, 0, 0

 98, 217, 210

 98, 217, 210

■ 76, 217, 208

■ 120, 217, 212

■ 55, 217, 208

■ 141, 217, 212

■ 33, 217, 206

■ 163, 217, 214

■ 11, 217, 205

■ 185, 217, 215

■ 0, 217, 204

■ 207, 217, 217

■ 228, 217, 228

■ 248, 217, 250

■ 255, 217, 255

Harmonies

Analogous

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



48, 203, 63



98, 217, 210



0, 129, 224

Triad

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



98, 217, 210



0, 115, 255



255, 131, 154

Complementary

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



98, 217, 210



210, 98, 217

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, 132, 222



98, 217, 210



145, 175, 255

Square

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



98, 217, 210



0, 118, 255



250, 157, 255



255, 188, 93

Rectangle

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



98, 217, 210



0, 117, 226



250, 157, 255



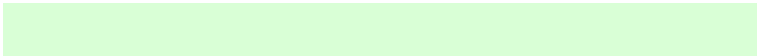
255, 128, 176

Sweetspot

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



98, 217, 210



214, 255, 252



107, 217, 98



103, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



98, 217, 210



87, 255, 245



98, 181, 217



99, 110, 110



0, 173, 163



0, 46, 43

Inverse Universe

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



210, 98, 217



245, 87, 255



217, 98, 165



109, 99, 110



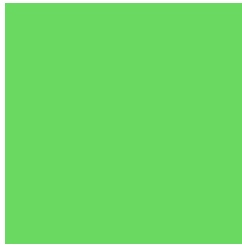
163, 0, 173



43, 0, 46

Previews

White Background



This preview shows how the RYB color 98, 217, 210 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, 217, 210 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, 217, 210 Background



This preview shows how black text looks on a background with the RYB color 98, 217, 210.

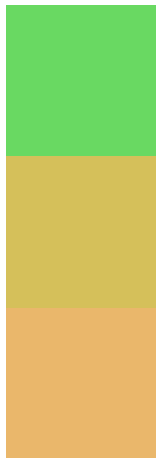


This preview shows how white text looks on a background with the RYB color 98, 217, 210.

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](#).

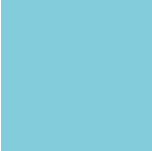
Dichromacy



Original Color
98, 217, 210

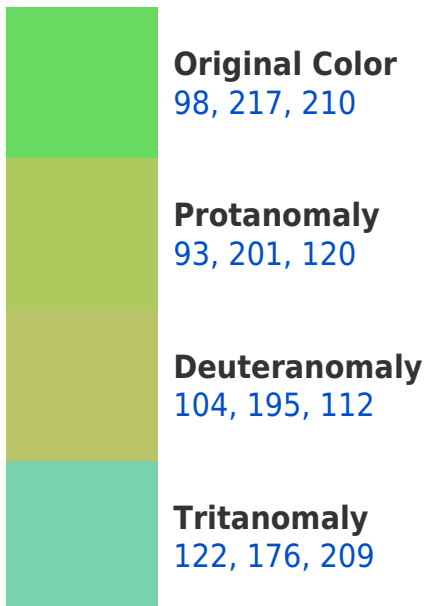
Protanopia
115, 213, 90

Deuteranopia
192, 234, 107

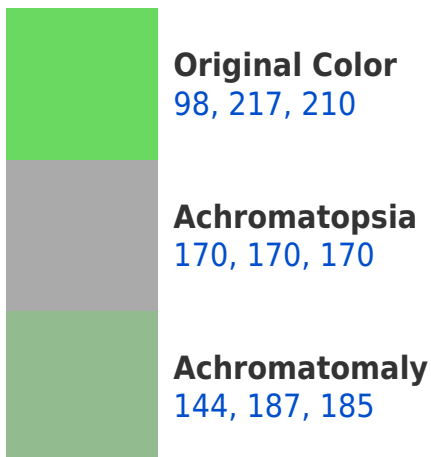


Tritanopia
131, 171, 220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 217, 210 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(105, 217, 98)` looks like.

```
.text, #text, p{  
    color:rgb(105, 217, 98)  
}
```

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(105, 217, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 217, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 217, 210 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(105, 217, 98) }
```

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

```
.border{ border-color:rgb(105, 217, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 217, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 217, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 217, 98);  
box-shadow:4px 4px 4px 4px rgb(105, 217,  
98) }
```

Background

The CSS property to change the background color of an element to RYB 98, 217, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 217, 98) }
```

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

```
.background{ background-color: rgb(105,  
217, 98) }
```

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