

Converting Colors

`RYB(98, 147, 192)`

Have a look what the booklet for
RYB(98, 147, 192) contains.

RYB(98, 147, 192)	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

$\text{RYB}(98, 147, 192)$

Conversions

Conversions Part 1

Format	Color
Hex	62C0B8
RGB	98, 192, 184
RGB Percent	38%, 75%, 72%
CMY	0.6157, 0.2471, 0.2772
CMYK	0.49, 0.00, 0.04, 0.25
HSL	175°, 43%, 57%
HSV	175°, 49%, 75%
XYZ	32.5726, 43.7703, 52.2588
YIQ	162.9820, -53.4560, -22.4160

Conversions

Conversions Part 2

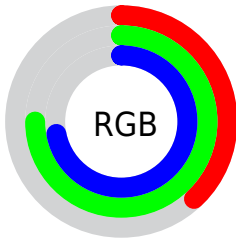
Format	Color
RYB	98, 147, 192
Decimal	6471864
CIELab	72.07, -29.73, -4.74
CIELCh	72, 30.109, 189.051
Yxy	43.7703, 0.2533, 0.3404
Android (android.graphics.Color)	4284661944 (0xFF62C0B8)
YUV	162.9820, 10.3619, -56.9892
Hunter-Lab	66.1592, -27.8963, -0.5215

Details

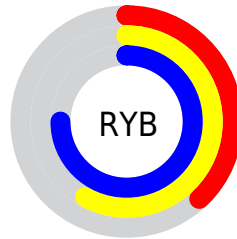
The RYB color **98, 147, 192** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **192, 98, 106**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **155, 204, 249**, and **36, 89, 138** is the 20% darker color. If you saturate the color by 10%, you get **79, 138, 192**, and if you desaturate by 10%, it is **117, 156, 192**.

Distribution



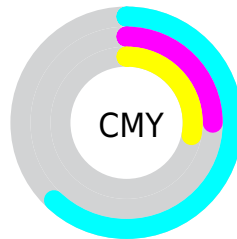
- Red (38%)
- Green (75%)
- Blue (72%)



- Red (38%)
- Yellow (58%)
- Blue (75%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (62%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 147, 192 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, 147, 192 by changing the saturation by 10% instead.



98, 147, 192



98, 147, 192

255, 255, 255



69, 119, 165



155, 204, 249



36, 89, 138



184, 220, 255



0, 58, 112



213, 234, 255



0, 45, 87



242, 249, 255



0, 33, 63



0, 21, 41



0, 8, 17



0, 0, 0



98, 147, 192



98, 147, 192

■ 79, 138, 192

■ 117, 156, 192

■ 60, 129, 192

■ 136, 165, 192

■ 40, 119, 192

■ 156, 175, 192

■ 21, 110, 192

■ 175, 184, 192

■ 2, 101, 192

■ 194, 192, 192

■ 0, 100, 192

■ 213, 192, 194

■ 232, 192, 195

■ 252, 192, 197

■ 255, 192, 198

Harmonies

Analogous

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



125, 169, 190



98, 147, 192



90, 145, 210

Triad

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



98, 147, 192



191, 167, 219



213, 207, 126

Complementary

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



98, 147, 192



192, 98, 106

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.



229, 164, 143



98, 147, 192



219, 159, 197

Square

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



98, 147, 192



153, 171, 231



231, 156, 169



134, 188, 122

Rectangle

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



98, 147, 192



103, 152, 223



231, 156, 169



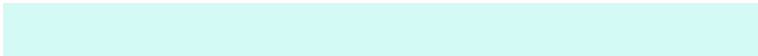
219, 188, 130

Sweetspot

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



98, 147, 192



212, 232, 250



98, 192, 184



102, 114, 125



252, 252, 252



125, 125, 125

Same Dimension

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



98, 147, 192



102, 179, 250



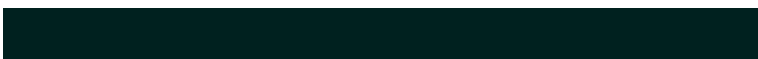
98, 133, 192



87, 92, 97



0, 84, 161



0, 17, 33

Inverse Universe

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



192, 98, 106



250, 102, 114



192, 165, 98



97, 87, 88



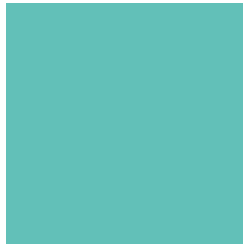
161, 0, 13



33, 0, 3

Previews

White Background



This preview shows how the RYB color 98, 147, 192 looks on a white background.

Color Contrast Check

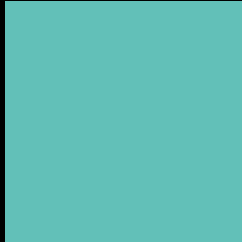
Large Text (above 18pt) WCAG AA × Fail

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, 147, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

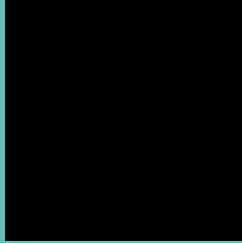
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

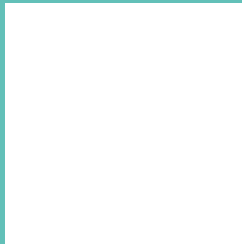
Any Text WCAG AAA ✓ Pass

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

RYB 98, 147, 192 Background



This preview shows how black text looks on a background with the RYB color 98, 147, 192.

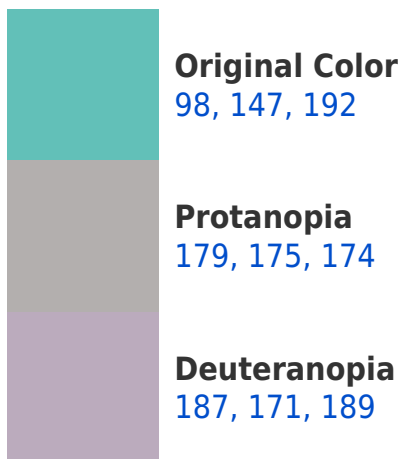


This preview shows how white text looks on a background with the RYB color 98, 147, 192.

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
104, 150, 204

Trichromacy



Original Color

98, 147, 192



Protanomaly

150, 166, 181



Deuteranomaly

155, 169, 187



Tritanomaly

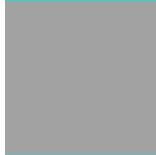
102, 148, 197

Monochromacy



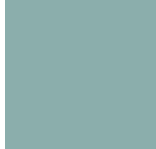
Original Color

98, 147, 192



Achromatopsia

163, 163, 163



Achromatomaly

139, 157, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 147, 192 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, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(98, 192, 184)  
}
```

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, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 192, 184) }
```

Border

The CSS property to change the border of an element to RYB 98, 147, 192 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, 192, 184) }
```

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

```
.border{ border-color:rgb(98, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(98, 192,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 98, 192, 184 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 192, 184) }
```

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

```
.background{ background-color: rgb(98, 192,  
184) }
```

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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