

Converting Colors

`RYB(98, 168, 179)`

Have a look what the booklet for
RYB(98, 168, 179) contains.

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Color

R_YB(98, 168, 179)

Conversions

Conversions Part 1

Format	Color
Hex	62B36F
RGB	98, 179, 111
RGB Percent	38%, 70%, 44%
CMY	0.6157, 0.2980, 0.5658
CMYK	0.45, 0.00, 0.38, 0.30
HSL	129°, 35%, 54%
HSV	129°, 45%, 70%
XYZ	24.0114, 35.9786, 20.6397
YIQ	147.0290, -26.4480, -38.3200

Conversions

Conversions Part 2

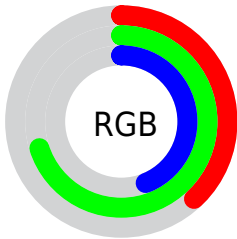
Format	Color
RYB	98, 168, 179
Decimal	6468463
CIELab	66.50, -39.54, 27.36
CIELCh	67, 48.082, 145.319
Yxy	35.9786, 0.2978, 0.4462
Android (android.graphics.Color)	4284658543 (0xFF62B36F)
YUV	147.0290, -17.7623, -42.9984
Hunter-Lab	59.9822, -33.5136, 21.5860

Details

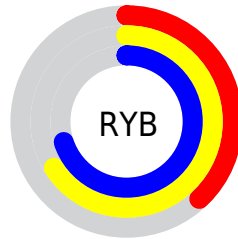
The RYB color **98, 168, 179** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **179, 98, 166**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **153, 226, 235**, and **42, 110, 126** is the 20% darker color. If you saturate the color by 10%, you get **80, 165, 179**, and if you desaturate by 10%, it is **116, 170, 179**.

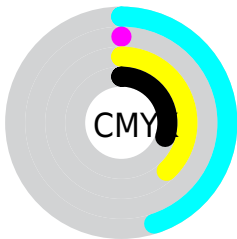
Distribution



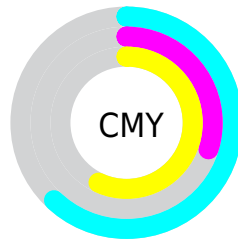
- Red (38%)
- Green (70%)
- Blue (44%)



- Red (38%)
- Yellow (66%)
- Blue (70%)



- Cyan (45%)
- Magenta (0%)
- Yellow (38%)
- Black (30%)





- Cyan (62%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the RYB color 98, 168, 179 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, 168, 179 by changing the saturation by 10% instead.


 98, 168, 179

 98, 168, 179

255, 255, 255

 71, 139, 152

 153, 226, 235

 42, 110, 126

 181, 247, 255


 3, 74, 100

 209, 247, 255


 0, 62, 75


 238, 249, 255


 0, 52, 52

 0, 31, 31

 0, 0, 0

 98, 168, 179

 98, 168, 179

 80, 165, 179

 116, 170, 179

■ 62, 163, 179

■ 134, 173, 179

■ 44, 161, 179

■ 152, 176, 179

■ 26, 158, 179

■ 170, 178, 179

■ 9, 156, 179

■ 188, 179, 186

■ 0, 155, 179

■ 205, 179, 201

■ 223, 179, 216

■ 241, 179, 231

■ 255, 179, 247

Harmonies

Analogous

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



80, 170, 99



98, 168, 179



0, 100, 183

Triad

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



98, 168, 179



65, 131, 248



242, 128, 127

Complementary

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



98, 168, 179



179, 98, 166

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.



238, 126, 170



98, 168, 179



154, 153, 240

Square

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



98, 168, 179



0, 101, 232



209, 136, 211



226, 169, 92

Rectangle

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



98, 168, 179



0, 92, 184



209, 136, 211



243, 126, 141

Sweetspot

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



98, 168, 179



200, 228, 232



98, 179, 110



97, 114, 117



245, 245, 245



117, 117, 117

Same Dimension

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



98, 168, 179



107, 216, 232



98, 147, 179



80, 87, 89



0, 132, 153



0, 23, 26

Inverse Universe

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



179, 98, 166



232, 107, 212



179, 98, 126



89, 80, 88



153, 0, 129



26, 0, 21

Previews

White Background



This preview shows how the RYB color 98, 168, 179 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, 168, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

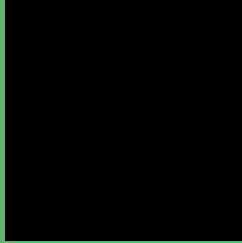
Any Text WCAG AA ✓ Pass

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](#).

R Y B 98, 168, 179 Background



This preview shows how black text looks on a background with the R Y B color 98, 168, 179.

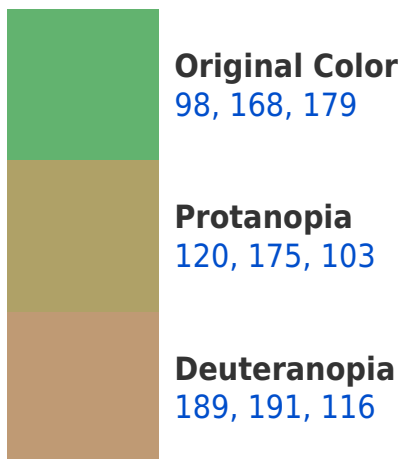



This preview shows how white text looks on a background with the R Y B color 98, 168, 179.

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
114, 145, 184

Trichromacy



Original Color

98, 168, 179



Protanomaly

106, 168, 127



Deuteranomaly

114, 163, 120



Tritanomaly

108, 145, 173

Monochromacy



Original Color

98, 168, 179



Achromatopsia

147, 147, 147



Achromatomaly

129, 155, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 168, 179 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, 179, 111)` looks like.

```
.text, #text, p{  
    color:rgb(98, 179, 111)  
}
```

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, 179, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 179, 111) }
```

Border

The CSS property to change the border of an element to RYB 98, 168, 179 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, 179, 111) }
```

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

```
.border{ border-color:rgb(98, 179, 111) }
```

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

Here you see how a box with a 4 pixel rgb(98, 179, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 179, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 179, 111);  
box-shadow:4px 4px 4px 4px rgb(98, 179,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 98, 179, 111 is called "background".

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

```
.background, #background, body{  
background: rgb(98, 179, 111) }
```

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

```
.background{ background-color: rgb(98, 179,  
111) }
```

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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