

Converting Colors

`RYB(111, 148, 175)`

Have a look what the booklet for
RYB(111, 148, 175) contains.

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Color

R_YB(111, 148, 175)

Conversions

Conversions Part 1

Format	Color
Hex	6FAF9E
RGB	111, 175, 158
RGB Percent	44%, 69%, 62%
CMY	0.5647, 0.3137, 0.3816
CMYK	0.37, 0.00, 0.10, 0.31
HSL	164°, 29%, 56%
HSV	164°, 37%, 69%
XYZ	28.0315, 36.4978, 37.7811
YIQ	153.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

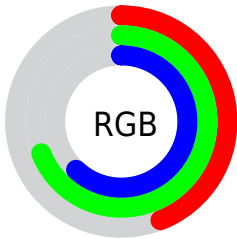
Format	Color
RYB	111, 148, 175
Decimal	7319454
CIELab	66.90, -24.50, 2.39
CIELCh	67, 24.620, 174.434
Yxy	36.4978, 0.2740, 0.3567
Android (android.graphics.Color)	4285509534 (0xFF6FAF9E)
YUV	153.9260, 2.0085, -37.6461
Hunter-Lab	60.4134, -22.9005, 5.2109

Details

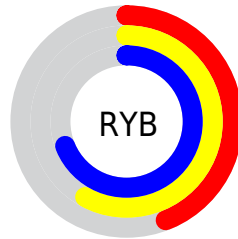
The RYB color **111, 148, 175** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **175, 111, 128**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **165, 203, 231**, and **59, 95, 122** is the 20% darker color. If you saturate the color by 10%, you get **94, 141, 175**, and if you desaturate by 10%, it is **129, 156, 175**.

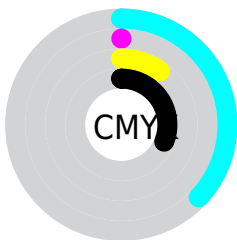
Distribution



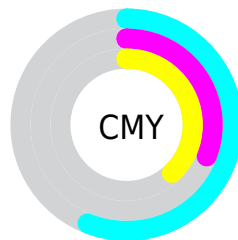
- Red (44%)
- Green (69%)
- Blue (62%)



- Red (44%)
- Yellow (58%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)




- Cyan (56%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 148, 175 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 111, 148, 175 by changing the saturation by 10% instead.

 111, 148, 175


255, 255, 255


 165, 204, 231

 193, 228, 255

 221, 238, 255

 250, 253, 255

 111, 148, 175

 85, 121, 148

 59, 95, 122

 32, 69, 97


 0, 40, 73


 0, 28, 50


 0, 20, 31


 0, 0, 0

 111, 148, 175


 94, 141, 175


 111, 148, 175


 129, 156, 175


 76, 133, 175


 146, 163, 175

 59, 126, 175


 163, 170, 175


 41, 118, 175

 181, 175, 177

 24, 111, 175


 199, 175, 181

 6, 104, 175

 216, 175, 186

 0, 101, 175

 234, 175, 191

 251, 175, 196

 255, 175, 200

Harmonies

Analogous

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



134, 170, 172



111, 148, 175



98, 138, 180

Triad

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



111, 148, 175



161, 159, 203



200, 166, 128

Complementary

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



111, 148, 175



175, 111, 128

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.



208, 148, 145



111, 148, 175



187, 151, 189

Square

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



111, 148, 175



130, 154, 206



204, 147, 168



155, 183, 119

Rectangle

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



111, 148, 175



100, 141, 193



204, 147, 168



204, 157, 133

Sweetspot

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



111, 148, 175



202, 217, 227



111, 175, 157



100, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



111, 148, 175



127, 185, 227



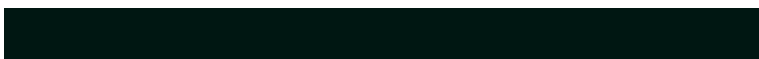
111, 139, 175



78, 83, 87



0, 87, 150



0, 13, 23

Inverse Universe

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



175, 111, 128



227, 127, 154



175, 129, 111



87, 78, 80



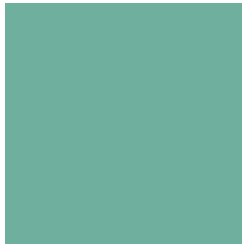
150, 0, 41



23, 0, 6

Previews

White Background



This preview shows how the RYB color 111, 148, 175 looks on a white background.

Color Contrast Check

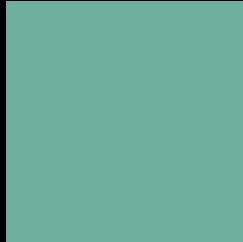
Large Text (above 18pt) WCAG AA × Fail

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 111, 148, 175 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 111, 148, 175 Background



This preview shows how black text looks on a background with the RYB color 111, 148, 175.

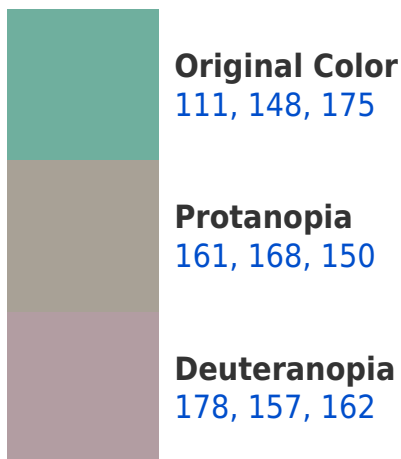


This preview shows how white text looks on a background with the RYB color 111, 148, 175.

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
117, 147, 185

Trichromacy



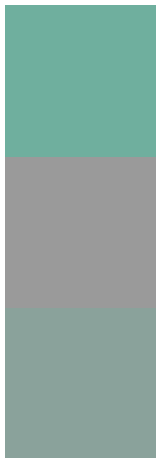
Original Color
111, 148, 175

Protanomaly
147, 161, 166

Deuteranomaly
154, 160, 164

Tritanomaly
115, 144, 175

Monochromacy



Original Color
111, 148, 175

Achromatopsia
154, 154, 154

Achromatomaly
138, 152, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 148, 175 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(111, 175, 158)` looks like.

```
.text, #text, p{  
    color:rgb(111, 175, 158)  
}
```

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(111, 175, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 175, 158) }
```

Border

The CSS property to change the border of an element to RYB 111, 148, 175 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(111, 175, 158) }
```

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

```
.border{ border-color:rgb(111, 175, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 175, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(111, 175,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 111, 148, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 175, 158) }
```

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

```
.background{ background-color: rgb(111,  
175, 158) }
```

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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