

Converting Colors

`RYB(132, 148, 161)`

Have a look what the booklet for
RYB(132, 148, 161) contains.

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Color

R_YB(132, 148, 161)

Conversions

Conversions Part 1

Format	Color
Hex	84A19C
RGB	132, 161, 156
RGB Percent	52%, 63%, 61%
CMY	0.4824, 0.3686, 0.3900
CMYK	0.18, 0.00, 0.03, 0.37
HSL	169°, 13%, 57%
HSV	169°, 18%, 63%
XYZ	28.2243, 32.7808, 36.0983
YIQ	151.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

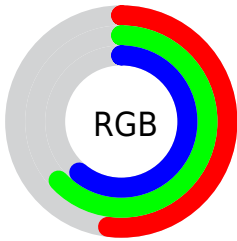
Format	Color
RYB	132, 148, 161
Decimal	8692124
CIELab	63.98, -11.18, -0.52
CIELCh	64, 11.188, 182.666
Yxy	32.7808, 0.2907, 0.3376
Android (android.graphics.Color)	4286882204 (0xFF84A19C)
YUV	151.7590, 2.0908, -17.3286
Hunter-Lab	57.2545, -12.2015, 2.6964

Details

The RYB color **132, 148, 161** is a light color, and the websafe version is hex **669999**. A complement of this color would be **161, 132, 137**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **185, 202, 216**, and **82, 97, 109** is the 20% darker color. If you saturate the color by 10%, you get **116, 141, 161**, and if you desaturate by 10%, it is **148, 155, 161**.

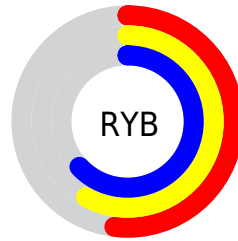
Distribution



Red (52%)

Green (63%)

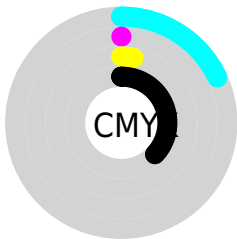
Blue (61%)



Red (52%)

Yellow (58%)

Blue (63%)

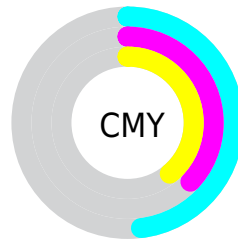


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 148, 161 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 132, 148, 161 by changing the saturation by 10% instead.


 132, 148, 161


255, 255, 255

 185, 202, 216


 213, 230, 244

 242, 249, 255

 132, 148, 161

 107, 122, 135

 82, 97, 109


 58, 73, 85

 36, 50, 62


 14, 28, 40

 0, 11, 20

 0, 0, 0

 132, 148, 161


 116, 141, 161


 132, 148, 161


 148, 155, 161

 100, 134, 161


 164, 161, 162

 84, 126, 161


 180, 161, 165

 68, 119, 161

 196, 161, 168

 52, 112, 161

 213, 161, 171

 35, 105, 161

 229, 161, 174

 19, 97, 161

 245, 161, 177

 3, 90, 161

 255, 161, 180

 0, 89, 161

 255, 161, 183

Harmonies

Analogous

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



140, 155, 160



132, 148, 161



130, 146, 165

Triad

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



132, 148, 161



158, 152, 172



171, 159, 138

Complementary

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



132, 148, 161



161, 132, 137

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.



176, 150, 145



132, 148, 161



169, 149, 164

Square

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



132, 148, 161



146, 153, 175



175, 148, 154



144, 162, 135

Rectangle

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



132, 148, 161



133, 148, 170



175, 148, 154



174, 154, 140

Sweetspot

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



132, 148, 161



199, 205, 209



132, 161, 155



98, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



132, 148, 161



163, 188, 209



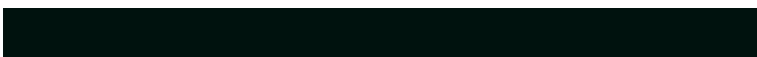
132, 144, 161



73, 78, 82



0, 80, 145



0, 10, 18

Inverse Universe

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



161, 132, 137



209, 163, 172



161, 145, 132



82, 73, 75



145, 0, 27



18, 0, 3

Previews

White Background



This preview shows how the RYB color 132, 148, 161 looks on a white background.

Color Contrast Check

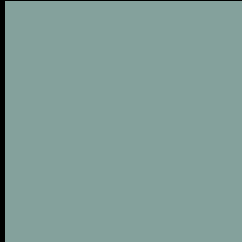
Large Text (above 18pt) WCAG AA × Fail

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 132, 148, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

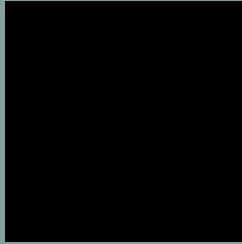
Any Text WCAG AA ✓ Pass

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 132, 148, 161 Background



This preview shows how black text looks on a background with the RYB color 132, 148, 161.



This preview shows how white text looks on a background with the RYB color 132, 148, 161.

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](#).

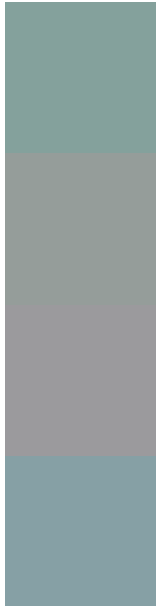
Dichromacy





Tritanopia
135, 149, 171

Trichromacy



Original Color

132, 148, 161

Protanomaly

149, 154, 157

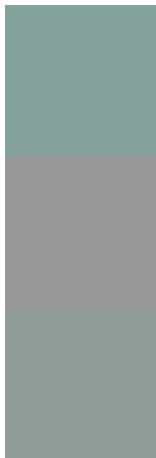
Deuteranomaly

155, 154, 157

Tritanomaly

134, 148, 165

Monochromacy



Original Color

132, 148, 161

Achromatopsia

152, 152, 152

Achromatomaly

145, 151, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 148, 161 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(132, 161, 156) looks like.

```
.text, #text, p{  
    color:rgb(132, 161, 156)  
}
```

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(132, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 161, 156) }
```

Border

The CSS property to change the border of an element to RYB 132, 148, 161 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(132, 161, 156) }
```

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

```
.border{ border-color:rgb(132, 161, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(132, 161,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 132, 148, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 161, 156) }
```

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

```
.background{ background-color: rgb(132,  
161, 156) }
```

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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