

Converting Colors

`RYB(136, 162, 175)`

Have a look what the booklet for
RYB(136, 162, 175) contains.

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Color

R_YB(136, 162, 175)

Conversions

Conversions Part 1

Format	Color
Hex	88AF9C
RGB	136, 175, 156
RGB Percent	53%, 69%, 61%
CMY	0.4667, 0.3137, 0.3902
CMYK	0.22, 0.00, 0.11, 0.31
HSL	150°, 20%, 61%
HSV	150°, 22%, 69%
XYZ	31.4418, 38.2776, 36.9621
YIQ	161.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

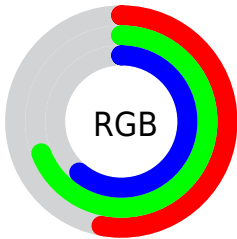
Format	Color
RYB	136, 162, 175
Decimal	8957852
CIELab	68.22, -17.24, 5.70
CIELCh	68, 18.154, 161.709
Yxy	38.2776, 0.2947, 0.3588
Android (android.graphics.Color)	4287147932 (0xFF88AF9C)
YUV	161.1730, -2.5503, -22.0767
Hunter-Lab	61.8689, -17.5567, 7.8868

Details

The RYB color **136, 162, 175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **175, 136, 156**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **190, 218, 231**, and **85, 109, 122** is the 20% darker color. If you saturate the color by 10%, you get **119, 156, 175**, and if you desaturate by 10%, it is **154, 168, 175**.

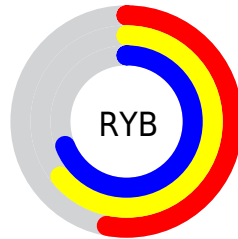
Distribution



Red (53%)

Green (69%)

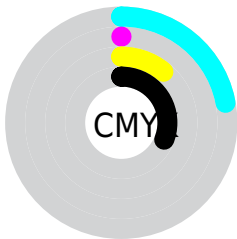
Blue (61%)



Red (53%)

Yellow (64%)

Blue (69%)

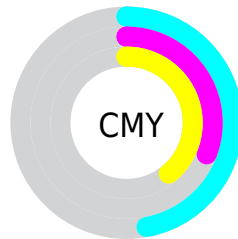


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 162, 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 136, 162, 175 by changing the saturation by 10% instead.

 136, 162, 175

255, 255, 255


 190, 218, 231


 218, 242, 255

 247, 251, 255

 136, 162, 175

 110, 135, 148

 85, 109, 122

 61, 85, 97

 38, 61, 73

 15, 38, 51

 0, 20, 30


 0, 0, 0


 136, 162, 175


 119, 156, 175

 136, 162, 175


 154, 168, 175

 101, 150, 175


 171, 174, 175

 84, 145, 175


 189, 175, 182


 66, 138, 175


 206, 175, 191

 49, 133, 175

 224, 175, 199

 31, 127, 175

 241, 175, 208

 14, 122, 175

 255, 175, 217

 0, 116, 175

 255, 175, 225

 255, 175, 234

Harmonies

Analogous

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



142, 172, 160



136, 162, 175



124, 151, 176

Triad

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



136, 162, 175



156, 164, 198



198, 161, 145

Complementary

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



136, 162, 175



175, 136, 156

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.



200, 155, 160



136, 162, 175



177, 160, 191

Square

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



136, 162, 175



136, 158, 197



193, 156, 177



188, 188, 136

Rectangle

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



136, 162, 175



122, 150, 183



193, 156, 177



200, 157, 150

Sweetspot

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



136, 162, 175



211, 222, 227



136, 175, 155



106, 112, 115



242, 242, 242



115, 115, 115

Same Dimension

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



136, 162, 175



166, 207, 227



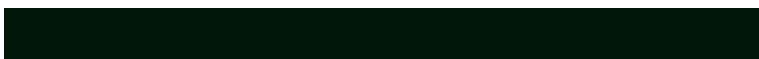
136, 156, 175



78, 84, 87



0, 100, 150



0, 16, 23

Inverse Universe

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



175, 136, 156



227, 166, 196



175, 136, 136



87, 78, 82



150, 0, 75



23, 0, 11

Previews

White Background



This preview shows how the RYB color 136, 162, 175 looks on a white background.

Color Contrast Check

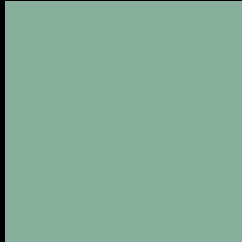
Large Text (above 18pt) WCAG AA × Fail

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 136, 162, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

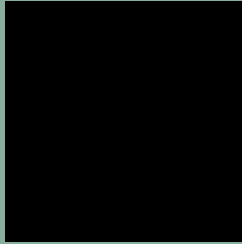
Any Text WCAG AA ✓ Pass

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 136, 162, 175 Background



This preview shows how black text looks on a background with the RYB color 136, 162, 175.

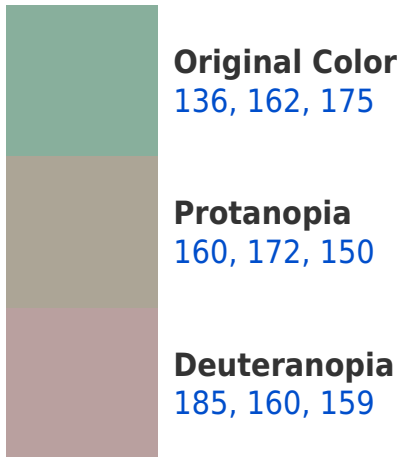


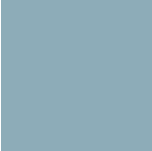
This preview shows how white text looks on a background with the RYB color 136, 162, 175.

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
141, 159, 184

Trichromacy



Original Color

136, 162, 175

Protanomaly

152, 169, 162

Deuteranomaly

161, 167, 158

Tritanomaly

139, 156, 174

Monochromacy



Original Color

136, 162, 175

Achromatopsia

161, 161, 161

Achromatomaly

152, 161, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 175, 156 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(136, 175, 156) looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 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(136, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 156) }
```

Border

The CSS property to change the border of an element to RYB 136, 162, 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(136, 175, 156) }
```

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

```
.border{ border-color:rgb(136, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 136, 162, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 156) }
```

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

```
.background{ background-color: rgb(136,  
175, 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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