

Converting Colors

`RYB(135, 156, 186)`

Have a look what the booklet for
RYB(135, 156, 186) contains.

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Color

R_YB(135, 156, 186)

Conversions

Conversions Part 1

Format	Color
Hex	87ABBA
RGB	135, 171, 186
RGB Percent	53%, 67%, 73%
CMY	0.4706, 0.3306, 0.2706
CMYK	0.27, 0.08, 0.00, 0.27
HSL	198°, 27%, 63%
HSV	198°, 27%, 73%
XYZ	33.3609, 37.7087, 51.9746
YIQ	161.9460, -26.2710, -2.9670

Conversions

Conversions Part 2

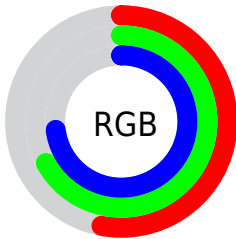
Format	Color
RYB	135, 156, 186
Decimal	8891322
CIELab	67.81, -8.53, -11.81
CIElCh	68, 14.572, 234.162
Yxy	37.7087, 0.2711, 0.3065
Android (android.graphics.Color)	4287081402 (0xFF87ABBA)
YUV	161.9460, 11.8586, -23.6316
Hunter-Lab	61.4074, -10.4889, -7.1973

Details

The RYB color **135, 156, 186** is a light color, and the websafe version is hex **669999**. A complement of this color would be **186, 156, 135**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **189, 211, 242**, and **84, 104, 133** is the 20% darker color. If you saturate the color by 10%, you get **116, 145, 186**, and if you desaturate by 10%, it is **154, 167, 186**.

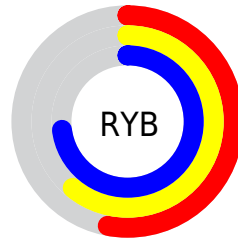
Distribution



Red (53%)

Green (67%)

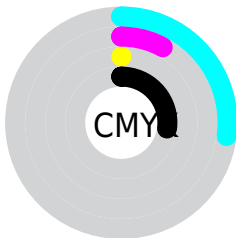
Blue (73%)



Red (53%)

Yellow (61%)

Blue (73%)

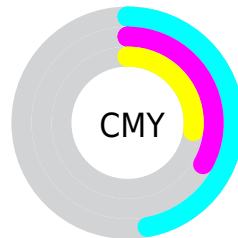


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (47%)


Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 156, 186 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 135, 156, 186 by changing the saturation by 10% instead.


 135, 156, 186

 135, 156, 186

255, 255, 255

 109, 130, 159

 189, 211, 242

 84, 104, 133


 217, 236, 255

 59, 79, 108

 246, 251, 255

 34, 55, 83


 7, 30, 60

 0, 16, 38

 0, 1, 18

 0, 0, 0

 135, 156, 186

 135, 156, 186

■ 116, 145, 186

■ 154, 167, 186

■ 98, 134, 186

■ 172, 178, 186

■ 79, 123, 186

■ 191, 187, 186

■ 61, 112, 186

■ 209, 196, 186

■ 42, 101, 186

■ 228, 205, 186

■ 23, 90, 186

■ 247, 212, 186

■ 5, 80, 186

■ 255, 223, 186

■ 0, 77, 186

■ 255, 236, 186

■ 253, 255, 186

Harmonies

Analogous

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



131, 152, 175



135, 156, 186



148, 161, 191

Triad

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



135, 156, 186



190, 156, 168



141, 168, 145

Complementary

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



135, 156, 186



186, 156, 135

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.



163, 178, 139



135, 156, 186



193, 157, 155

Square

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



135, 156, 186



180, 159, 181



189, 167, 144



149, 171, 171

Rectangle

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



135, 156, 186



159, 163, 190



189, 167, 144



143, 169, 140

Sweetspot

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



135, 156, 186



223, 231, 242



135, 174, 186



110, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



135, 156, 186



162, 195, 242



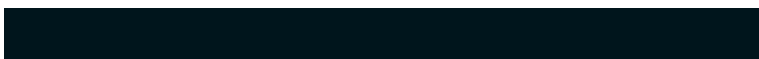
135, 143, 186



83, 87, 92



0, 64, 156



0, 12, 28

Inverse Universe

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



186, 135, 171



242, 162, 218



147, 186, 135



92, 83, 89



156, 0, 109



28, 0, 20

Previews

White Background



This preview shows how the RYB color 135, 156, 186 looks on a white background.

Color Contrast Check

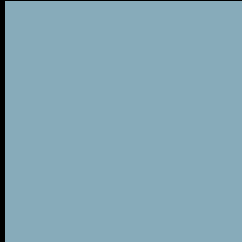
Large Text (above 18pt) WCAG AA × Fail

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 135, 156, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

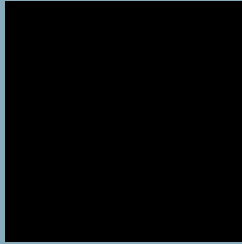
Any Text WCAG AA ✓ Pass

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 135, 156, 186 Background



This preview shows how black text looks on a background with the RYB color 135, 156, 186.




This preview shows how white text looks on a background with the RYB color 135, 156, 186.

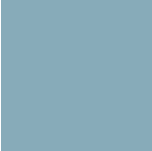
Color Blindness Simulation

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

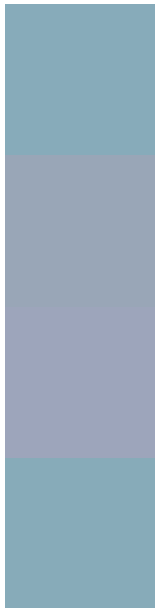


Original Color
135, 156, 186
Protanopia
163, 164, 182
Deuteranopia
170, 161, 188



Tritanopia
135, 156, 185

Trichromacy



Original Color

135, 156, 186

Protanomaly

153, 162, 183

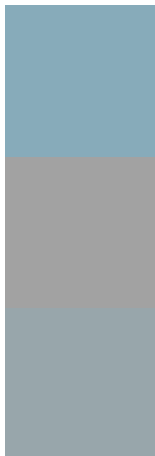
Deuteranomaly

157, 163, 187

Tritanomaly

135, 156, 185

Monochromacy



Original Color

135, 156, 186

Achromatopsia

162, 162, 162

Achromatomaly

152, 160, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 156, 186 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(135, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(135, 171, 186)  
}
```

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(135, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 171, 186) }
```

Border

The CSS property to change the border of an element to RYB 135, 156, 186 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(135, 171, 186) }
```

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

```
.border{ border-color:rgb(135, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(135, 171,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 135, 156, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 171, 186) }
```

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

```
.background{ background-color: rgb(135,  
171, 186) }
```

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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