

Converting Colors

`RYB(136, 152, 199)`

Have a look what the booklet for
RYB(136, 152, 199) contains.

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Color

R_YB(136, 152, 199)

Conversions

Conversions Part 1

Format	Color
Hex	889DC7
RGB	136, 157, 199
RGB Percent	53%, 62%, 78%
CMY	0.4667, 0.3826, 0.2196
CMYK	0.32, 0.21, 0.00, 0.22
HSL	220°, 36%, 66%
HSV	220°, 32%, 78%
XYZ	32.5949, 33.6232, 58.8048
YIQ	155.5090, -25.9980, 8.6100

Conversions

Conversions Part 2

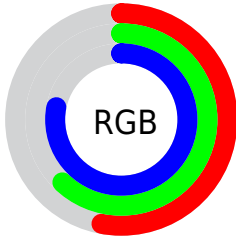
Format	Color
RYB	136, 152, 199
Decimal	8953287
CIELab	64.66, 2.30, -23.80
CIELCh	65, 23.910, 275.508
Yxy	33.6232, 0.2607, 0.2689
Android (android.graphics.Color)	4287143367 (0xFF889DC7)
YUV	155.5090, 21.4411, -17.1094
Hunter-Lab	57.9855, -1.1361, -19.5379

Details

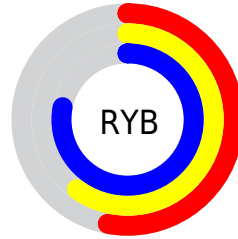
The RYB color **136, 152, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **168, 199, 136**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **191, 206, 255**, and **84, 100, 145** is the 20% darker color. If you saturate the color by 10%, you get **116, 137, 199**, and if you desaturate by 10%, it is **156, 167, 199**.

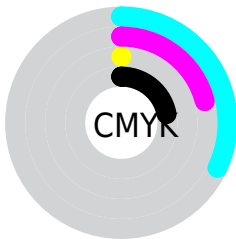
Distribution



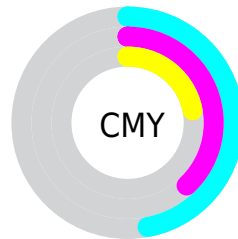
- Red (53%)
- Green (62%)
- Blue (78%)



- Red (53%)
- Yellow (60%)
- Blue (78%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 152, 199 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, 152, 199 by changing the saturation by 10% instead.

■ 136, 152, 199

255, 255, 255

■ 191, 207, 255

■ 219, 232, 255

■ 248, 252, 255

■ 136, 152, 199

■ 110, 126, 172

■ 84, 100, 145

■ 59, 76, 119

■ 33, 51, 94

■ 3, 26, 70

■ 0, 13, 48

■ 0, 1, 27


■ 0, 0, 0

■ 136, 152, 199

■ 136, 152, 199

 116, 137, 199

 156, 167, 199

 96, 122, 199

 176, 182, 199

 76, 107, 199

 196, 197, 199

 56, 92, 199

 208, 216, 199

 37, 78, 199

 219, 236, 199

 17, 63, 199

 228, 255, 199

 0, 51, 199

 206, 255, 199

 199, 255, 199

Harmonies

Analogous

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



108, 142, 195



136, 152, 199



165, 150, 192

Triad

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



136, 152, 199



199, 146, 133



121, 155, 167

Complementary

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



136, 152, 199



168, 199, 136

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.



122, 163, 140



136, 152, 199



188, 175, 119

Square

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



136, 152, 199



199, 141, 154



129, 169, 114



100, 137, 169

Rectangle

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



136, 152, 199



181, 146, 181



129, 169, 114



129, 163, 166

Sweetspot

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



136, 152, 199



232, 238, 255



136, 174, 199



113, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



136, 152, 199



158, 183, 255



145, 136, 199



90, 92, 99



0, 42, 163



0, 9, 36

Inverse Universe

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



199, 136, 157



255, 158, 191



136, 199, 145



99, 90, 93



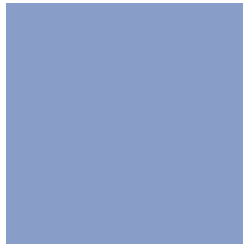
163, 0, 56



36, 0, 12

Previews

White Background



This preview shows how the RYB color 136, 152, 199 looks on a white background.

Color Contrast Check

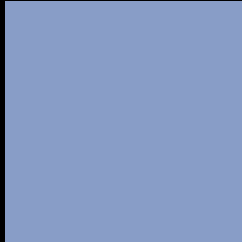
Large Text (above 18pt) WCAG AA × Fail

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, 152, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

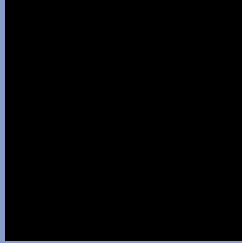
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

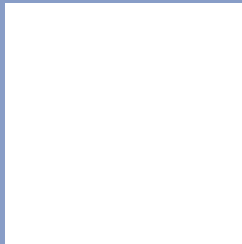
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 136, 152, 199 Background



This preview shows how black text looks on a background with the RYB color 136, 152, 199.



This preview shows how white text looks on a background with the RYB color 136, 152, 199.

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
136, 152, 199

Protanopia
146, 154, 197

Deuteranopia
149, 154, 200



Tritanopia
131, 149, 175

Trichromacy



Original Color
136, 152, 199

Protanomaly
142, 153, 198

Deuteranomaly
144, 153, 200

Tritanomaly
133, 151, 184

Monochromacy



Original Color
136, 152, 199

Achromatopsia
156, 156, 156

Achromatomaly
149, 155, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 152, 199 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, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(136, 157, 199)  
}
```

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, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 157, 199) }
```

Border

The CSS property to change the border of an element to RYB 136, 152, 199 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, 157, 199) }
```

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

```
.border{ border-color:rgb(136, 157, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 157, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 157, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 157, 199);  
box-shadow:4px 4px 4px 4px rgb(136, 157,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 136, 152, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 157, 199) }
```

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

```
.background{ background-color: rgb(136,  
157, 199) }
```

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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