

Converting Colors

`RYB(136, 152, 198)`

Have a look what the booklet for RYB(136, 152, 198) contains.

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Color

R_YB(136, 152, 198)

Conversions

Conversions Part 1

Format	Color
Hex	889EC6
RGB	136, 158, 198
RGB Percent	53%, 62%, 78%
CMY	0.4667, 0.3821, 0.2235
CMYK	0.31, 0.20, 0.00, 0.22
HSL	219°, 35%, 65%
HSV	219°, 31%, 78%
XYZ	32.4992, 33.6171, 58.2019
YIQ	155.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

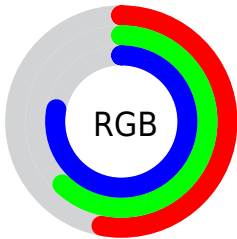
Format	Color
R_{YB}	136, 152, 198
Decimal	8953542
CIE _{Lab}	64.66, 1.97, -23.25
CIE _{LCh}	65, 23.333, 274.851
Yxy	33.6171, 0.2614, 0.2704
Android (android.graphics.Color)	4287143622 (0xFF889EC6)
YUV	155.9820, 20.7149, -17.5242
Hunter-Lab	57.9803, -1.4123, -18.9305

Details

The RYB color **136, 152, 198** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **170, 198, 136**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **191, 207, 255**, and **84, 101, 144** is the 20% darker color. If you saturate the color by 10%, you get **116, 137, 198**, and if you desaturate by 10%, it is **156, 167, 198**.

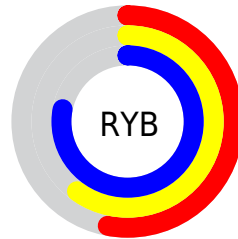
Distribution



Red (53%)

Green (62%)

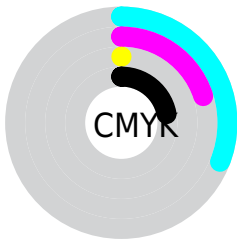
Blue (78%)



Red (53%)

Yellow (60%)

Blue (78%)

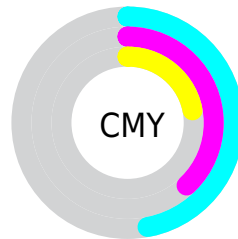


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 152, 198 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, 198 by changing the saturation by 10% instead.

■ 136, 152, 198

255, 255, 255

■ 191, 207, 255

■ 219, 232, 255

■ 248, 252, 255

■ 136, 152, 198

■ 110, 126, 171

■ 84, 100, 144

■ 59, 76, 118

■ 34, 52, 93

■ 4, 26, 70

■ 0, 12, 47

■ 0, 1, 26

■ 0, 0, 0

■ 136, 152, 198

■ 136, 152, 198

■ 116, 137, 198

■ 156, 167, 198

■ 96, 123, 198

■ 176, 181, 198

■ 77, 108, 198

■ 195, 196, 198

■ 57, 93, 198

■ 207, 215, 198

■ 37, 79, 198

■ 218, 235, 198

■ 17, 64, 198

■ 229, 255, 198

■ 0, 51, 198

■ 206, 255, 198

■ 198, 255, 198

Harmonies

Analogous

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



109, 142, 194



136, 152, 198



164, 150, 191

Triad

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



136, 152, 198



198, 146, 134



122, 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, 198



170, 198, 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, 139



136, 152, 198



187, 174, 120

Square

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



136, 152, 198



198, 142, 154



130, 169, 115



102, 138, 169

Rectangle

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



136, 152, 198



180, 146, 181



130, 169, 115



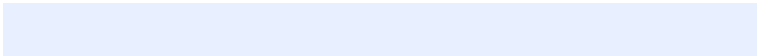
130, 164, 166

Sweetspot

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



136, 152, 198



232, 238, 255



136, 174, 198



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, 198



158, 183, 255



145, 136, 198



90, 92, 99



0, 42, 163



0, 9, 36

Inverse Universe

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



198, 136, 158



255, 158, 192



136, 198, 145



99, 90, 93



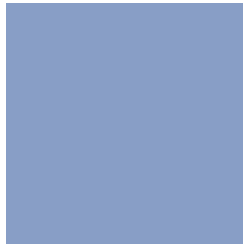
163, 0, 57



36, 0, 12

Previews

White Background



This preview shows how the RYB color 136, 152, 198 looks on a white background.

Color Contrast Check

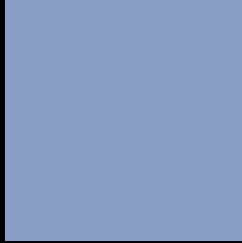
Large Text (above 18pt) WCAG AA × Fail

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, 198 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

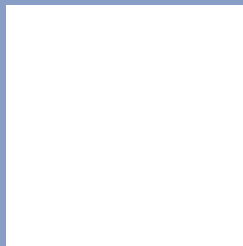
Any Text WCAG AAA ✓ Pass

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

RYB 136, 152, 198 Background



This preview shows how black text looks on a background with the RYB color 136, 152, 198.



This preview shows how white text looks on a background with the RYB color 136, 152, 198.

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, 198

Protanopia
146, 154, 196

Deuteranopia
150, 154, 199



Tritanopia
131, 149, 175

Trichromacy



Original Color
136, 152, 198

Protanomaly
142, 153, 197

Deuteranomaly
145, 153, 199

Tritanomaly
133, 151, 183

Monochromacy



Original Color
136, 152, 198

Achromatopsia
156, 156, 156

Achromatomaly
149, 155, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 152, 198 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, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(136, 158, 198)  
}
```

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, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 158, 198) }
```

Border

The CSS property to change the border of an element to RYB 136, 152, 198 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, 158, 198) }
```

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

```
.border{ border-color:rgb(136, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(136, 158,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 136, 152, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 158, 198) }
```

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

```
.background{ background-color: rgb(136,  
158, 198) }
```

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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