

Converting Colors

`RYB(136, 135, 193)`

Have a look what the booklet for
RYB(136, 135, 193) contains.

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Color

R_YB(136, 135, 193)

Conversions

Conversions Part 1

Format	Color
Hex	8887C1
RGB	136, 135, 193
RGB Percent	53%, 53%, 76%
CMY	0.4667, 0.4706, 0.2431
CMYK	0.30, 0.30, 0.00, 0.24
HSL	241°, 32%, 64%
HSV	241°, 30%, 76%
XYZ	28.4430, 26.4124, 54.0511
YIQ	141.9110, -18.0220, 18.2500

Conversions

Conversions Part 2

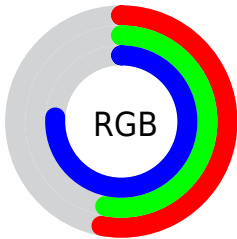
Format	Color
R_{YB}	136, 135, 193
Decimal	8947649
CIE _{Lab}	58.43, 13.63, -30.04
CIE _{LCh}	58, 32.988, 294.413
Yxy	26.4124, 0.2612, 0.2425
Android (android.graphics.Color)	4287137729 (0xFF8887C1)
YUV	141.9110, 25.1869, -5.1839
Hunter-Lab	51.3930, 8.8512, -26.3814

Details

The RYB color **136, 135, 193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **135, 193, 136**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **191, 188, 250**, and **84, 85, 139** is the 20% darker color. If you saturate the color by 10%, you get **117, 116, 193**, and if you desaturate by 10%, it is **155, 154, 193**.

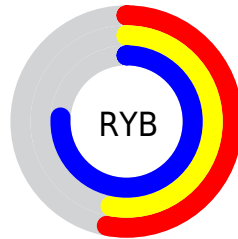
Distribution



Red (53%)

Green (53%)

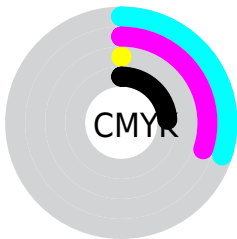
Blue (76%)



Red (53%)

Yellow (53%)

Blue (76%)

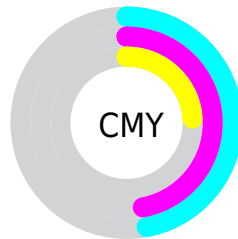


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (47%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 136, 135, 193 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, 135, 193 by changing the saturation by 10% instead.

 136, 135, 193


255, 255, 255

 191, 188, 250

 219, 216, 255

 248, 244, 255

 136, 135, 193

 110, 110, 166

 84, 85, 139

 59, 62, 113

 34, 40, 89

 5, 18, 65

 0, 0, 43

 0, 1, 21

 0, 0, 0

 136, 135, 193

 136, 135, 193

■ 117, 116, 193

■ 155, 154, 193

■ 98, 96, 193

■ 174, 174, 193

■ 79, 77, 193

■ 193, 193, 193

■ 60, 58, 193

■ 193, 212, 193

■ 41, 39, 193

■ 193, 232, 194

■ 22, 19, 193

■ 193, 251, 194

■ 3, 0, 193

■ 193, 255, 193

Harmonies

Analogous

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



89, 126, 198



136, 135, 193



172, 125, 174

Triad

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



136, 135, 193



186, 145, 94



63, 116, 156

Complementary

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



136, 135, 193



135, 193, 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.



102, 148, 152



136, 135, 193



124, 164, 83

Square

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



136, 135, 193



197, 119, 118



87, 146, 98



17, 88, 163

Rectangle

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



136, 135, 193



187, 120, 157



87, 146, 98



77, 126, 155

Sweetspot

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



136, 135, 193



228, 227, 250



135, 164, 193



111, 111, 125



252, 252, 252



125, 125, 125

Same Dimension

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



136, 135, 193



161, 160, 250



165, 135, 193



87, 87, 97



3, 0, 161



1, 0, 33

Inverse Universe

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



193, 135, 192



250, 160, 248



135, 193, 165



97, 87, 97



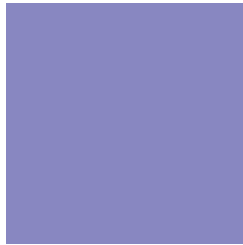
161, 0, 158



33, 0, 33

Previews

White Background



This preview shows how the RYB color 136, 135, 193 looks on a white background.

Color Contrast Check

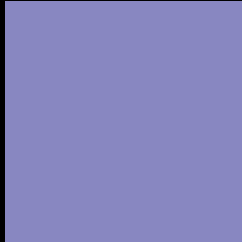
Large Text (above 18pt) WCAG AA ✓ Pass

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, 135, 193 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 × Fail

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

RYB 136, 135, 193 Background



This preview shows how black text looks on a background with the RYB color 136, 135, 193.



This preview shows how white text looks on a background with the RYB color 136, 135, 193.

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

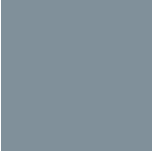
136, 135, 193

Protanopia

123, 135, 196

Deuteranopia

124, 136, 192



Tritanopia
128, 138, 154

Trichromacy



Original Color
136, 135, 193

Protanomaly
128, 136, 195

Deuteranomaly
128, 137, 192

Tritanomaly
131, 138, 168

Monochromacy



Original Color
136, 135, 193

Achromatopsia
142, 142, 142

Achromatomaly
140, 139, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 135, 193 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, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(136, 135, 193)  
}
```

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, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 135, 193) }
```

Border

The CSS property to change the border of an element to RYB 136, 135, 193 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, 135, 193) }
```

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

```
.border{ border-color:rgb(136, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 135, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 135, 193); box-shadow:4px 4px 4px 4px rgb(136, 135, 193) }
```

Background

The CSS property to change the background color of an element to RYB 136, 135, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 135, 193) }
```

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

```
.background{ background-color: rgb(136,  
135, 193) }
```

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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