

Converting Colors

`RYB(134, 100, 179)`

Have a look what the booklet for
RYB(134, 100, 179) contains.

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Color

R_YB(134, 100, 179)

Conversions

Conversions Part 1

Format	Color
Hex	8664B3
RGB	134, 100, 179
RGB Percent	53%, 39%, 70%
CMY	0.4745, 0.6078, 0.2980
CMYK	0.25, 0.44, 0.00, 0.30
HSL	266°, 34%, 55%
HSV	266°, 44%, 70%
XYZ	22.5254, 17.4373, 44.8264
YIQ	119.1720, -5.0950, 31.7770

Conversions

Conversions Part 2

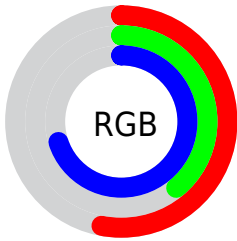
Format	Color
RYB	134, 100, 179
Decimal	8807603
CIELab	48.81, 30.08, -37.05
CIELCh	49, 47.723, 309.075
Yxy	17.4373, 0.2657, 0.2057
Android (android.graphics.Color)	4286997683 (0xFF8664B3)
YUV	119.1720, 29.4952, 13.0042
Hunter-Lab	41.7581, 23.2109, -34.4159

Details

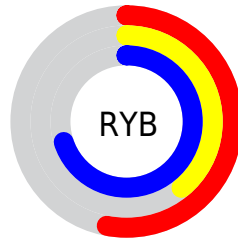
The RYB color **134, 100, 179** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **100, 179, 134**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **189, 151, 235**, and **82, 52, 126** is the 20% darker color. If you saturate the color by 10%, you get **124, 82, 179**, and if you desaturate by 10%, it is **144, 118, 179**.

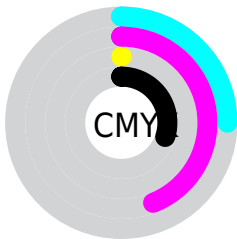
Distribution



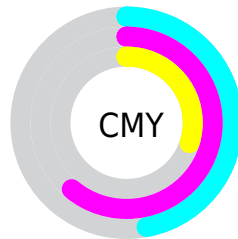
- Red (53%)
- Green (39%)
- Blue (70%)



- Red (53%)
- Yellow (39%)
- Blue (70%)



- Cyan (25%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)




- Cyan (47%)
- Magenta (61%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 100, 179 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 134, 100, 179 by changing the saturation by 10% instead.

 134, 100, 179


255, 255, 255

 189, 151, 235

 217, 178, 255

 246, 206, 255

 255, 234, 255

 134, 100, 179

 108, 76, 152

 82, 52, 126

 57, 30, 100

 31, 7, 76

 10, 0, 53

 0, 2, 31

 0, 0, 1

 0, 0, 0

 134, 100, 179

 134, 100, 179

■ 124, 82, 179

■ 144, 118, 179

■ 114, 64, 179

■ 154, 136, 179

■ 103, 46, 179

■ 165, 154, 179

■ 93, 28, 179

■ 175, 172, 179

■ 83, 10, 179

■ 179, 190, 184

■ 77, 0, 179

■ 179, 207, 191

■ 179, 225, 199

■ 179, 243, 206

■ 179, 255, 208

Harmonies

Analogous

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



57, 98, 196



134, 100, 179



174, 84, 146

Triad

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



134, 100, 179



145, 160, 38



0, 70, 136

Complementary

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



134, 100, 179



100, 179, 134

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.



0, 82, 134



134, 100, 179



37, 126, 28

Square

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



134, 100, 179



183, 93, 67



49, 128, 95



0, 74, 166

Rectangle

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



134, 100, 179



187, 79, 119



49, 128, 95



0, 73, 135

Sweetspot

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



134, 100, 179



215, 202, 232



100, 129, 179



107, 99, 117



245, 245, 245



117, 117, 117

Same Dimension

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



134, 100, 179



162, 109, 232



172, 100, 179



84, 80, 89



66, 0, 153



11, 0, 26

Inverse Universe

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



179, 100, 145



232, 109, 179



100, 179, 172



89, 80, 85



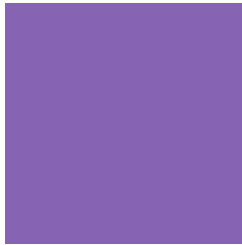
153, 0, 87



26, 0, 15

Previews

White Background



This preview shows how the RYB color 134, 100, 179 looks on a white 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

Black Background



This preview shows how the RYB color 134, 100, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

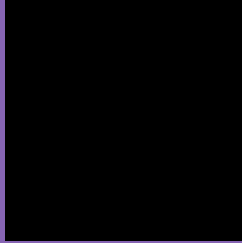
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 134, 100, 179 Background



This preview shows how black text looks on a background with the RYB color 134, 100, 179.

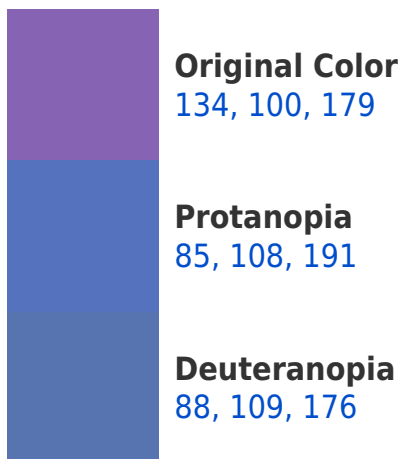



This preview shows how white text looks on a background with the RYB color 134, 100, 179.

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
124, 113, 122

Trichromacy



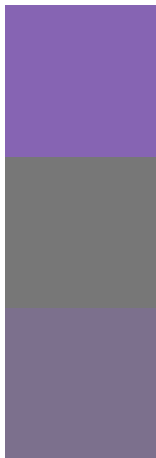
Original Color
134, 100, 179

Protanomaly
103, 109, 187

Deuteranomaly
105, 110, 177

Tritanomaly
128, 108, 143

Monochromacy



Original Color
134, 100, 179

Achromatopsia
119, 119, 119

Achromatomaly
124, 112, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 100, 179 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(134, 100, 179)` looks like.

```
.text, #text, p{  
    color:rgb(134, 100, 179)  
}
```

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(134, 100, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 100, 179) }
```

Border

The CSS property to change the border of an element to RYB 134, 100, 179 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(134, 100, 179) }
```

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

```
.border{ border-color:rgb(134, 100, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 100, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 100, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 100, 179);  
box-shadow:4px 4px 4px 4px rgb(134, 100,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 134, 100, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 100, 179) }
```

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

```
.background{ background-color: rgb(134,  
100, 179) }
```

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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