

Converting Colors

`RYB(134, 82, 173)`

Have a look what the booklet for RYB(134, 82, 173) contains.

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Color

R_YB(134, 82, 173)

Conversions

Conversions Part 1

Format	Color
Hex	8652AD
RGB	134, 82, 173
RGB Percent	53%, 32%, 68%
CMY	0.4745, 0.6784, 0.3216
CMYK	0.23, 0.53, 0.00, 0.32
HSL	274°, 36%, 50%
HSV	274°, 53%, 68%
XYZ	20.3916, 14.1200, 41.1858
YIQ	107.9220, 1.7810, 39.3250

Conversions

Conversions Part 2

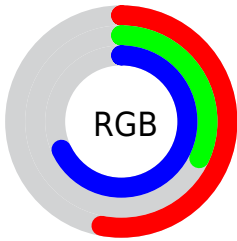
Format	Color
RYB	134, 82, 173
Decimal	8802989
CIELab	44.40, 38.96, -40.50
CIElCh	44, 56.193, 313.892
Yxy	14.1200, 0.2694, 0.1865
Android (android.graphics.Color)	4286993069 (0xFF8652AD)
YUV	107.9220, 32.0835, 22.8704
Hunter-Lab	37.5767, 31.1070, -38.6811

Details

The RYB color **134, 82, 173** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **82, 173, 134**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **189, 133, 229**, and **81, 33, 120** is the 20% darker color. If you saturate the color by 10%, you get **127, 65, 173**, and if you desaturate by 10%, it is **141, 99, 173**.

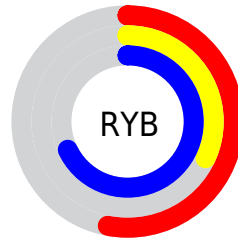
Distribution



Red (53%)

Green (32%)

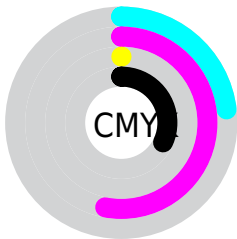
Blue (68%)



Red (53%)

Yellow (32%)

Blue (68%)

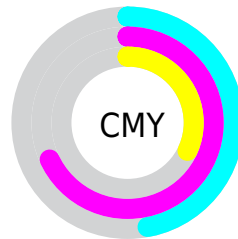


Cyan (23%)

Magenta (53%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (68%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 82, 173 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, 82, 173 by changing the saturation by 10% instead.

 134, 82, 173

255, 255, 255

 189, 133, 229

 218, 160, 255

 247, 187, 255

 255, 215, 255


 255, 244, 255

 134, 82, 173


 127, 65, 173

 134, 82, 173

 107, 58, 146

 81, 33, 120

 56, 7, 95


 31, 0, 71

 0, 0, 47

 0, 1, 26

 0, 0, 0

 134, 82, 173

 141, 99, 173

■ 119, 47, 173

■ 149, 117, 173

■ 112, 30, 173

■ 156, 134, 173

■ 104, 13, 173

■ 164, 151, 173

■ 99, 0, 173

■ 171, 169, 173

■ 173, 186, 181

■ 173, 203, 190

■ 173, 220, 200

■ 173, 238, 210

Harmonies

Analogous

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



36, 83, 196



134, 82, 173



176, 60, 132

Triad

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



134, 82, 173



83, 147, 0



0, 63, 126

Complementary

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



134, 82, 173



82, 173, 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, 77, 125



134, 82, 173



0, 110, 4

Square

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



134, 82, 173



176, 83, 41



30, 120, 99



0, 72, 169

Rectangle

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



134, 82, 173



187, 54, 101



30, 120, 99



0, 67, 126

Sweetspot

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



134, 82, 173



209, 188, 224



82, 109, 173



103, 91, 112



240, 240, 240



112, 112, 112

Same Dimension

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



134, 82, 173



164, 83, 224



173, 82, 167



83, 78, 87



86, 0, 150



13, 0, 23

Inverse Universe

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



173, 82, 121



224, 83, 144



82, 167, 173



87, 78, 82



150, 0, 64



23, 0, 10

Previews

White Background



This preview shows how the RYB color 134, 82, 173 looks on a white background.

Color Contrast Check

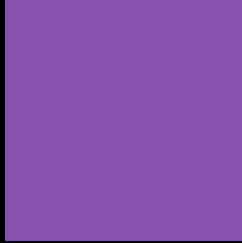
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

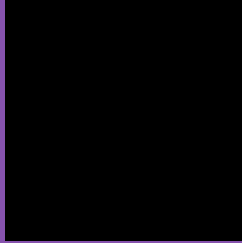
Any Text WCAG AA × Fail

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](#).

R Y B 134, 82, 173 Background



This preview shows how black text looks on a background with the R Y B color 134, 82, 173.

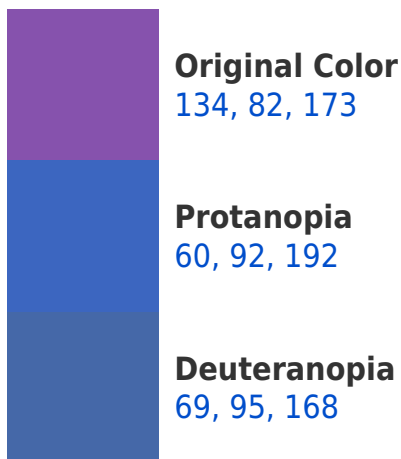


This preview shows how white text looks on a background with the R Y B color 134, 82, 173.

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
123, 99, 106

Trichromacy



Original Color
134, 82, 173

Protanomaly
87, 94, 185

Deuteranomaly
93, 97, 170

Tritanomaly
127, 93, 130

Monochromacy



Original Color
134, 82, 173

Achromatopsia
108, 108, 108

Achromatomaly
117, 99, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 82, 173 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, 82, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 82, 173)  
}
```

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, 82, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 82, 173) }
```

Border

The CSS property to change the border of an element to RYB 134, 82, 173 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, 82, 173) }
```

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

```
.border{ border-color:rgb(134, 82, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 82, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 82, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 82, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 82,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 134, 82, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 82, 173) }
```

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

```
.background{ background-color: rgb(134, 82,  
173) }
```

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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