

Converting Colors

`RYB(132, 98, 200)`

Have a look what the booklet for
RYB(132, 98, 200) contains.

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Color

R_YB(132, 98, 200)

Conversions

Conversions Part 1

Format	Color
Hex	8462C8
RGB	132, 98, 200
RGB Percent	52%, 38%, 78%
CMY	0.4824, 0.6157, 0.2157
CMYK	0.34, 0.51, 0.00, 0.22
HSL	260°, 48%, 58%
HSV	260°, 51%, 78%
XYZ	24.3087, 17.8110, 56.8002
YIQ	119.7940, -12.4780, 38.9300

Conversions

Conversions Part 2

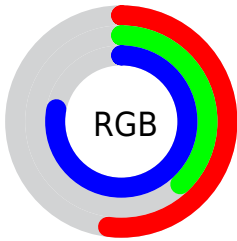
Format	Color
R_{YB}	132, 98, 200
Decimal	8676040
CIE _{Lab}	49.27, 36.06, -48.47
CIE _{LCh}	49, 60.414, 306.646
Yxy	17.8110, 0.2457, 0.1801
Android (android.graphics.Color)	4286866120 (0xFF8462C8)
YUV	119.7940, 39.5416, 10.7047
Hunter-Lab	42.2031, 28.9594, -50.2549

Details

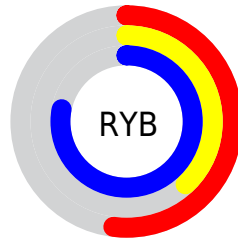
The RYB color **132, 98, 200** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **98, 200, 132**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **188, 150, 255**, and **78, 50, 145** is the 20% darker color. If you saturate the color by 10%, you get **119, 78, 200**, and if you desaturate by 10%, it is **145, 118, 200**.

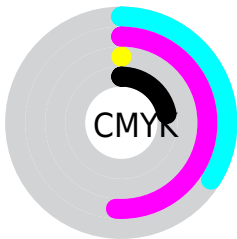
Distribution



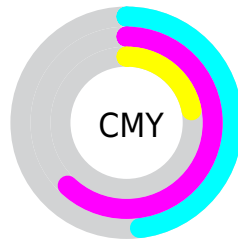
- Red (52%)
- Green (38%)
- Blue (78%)



- Red (52%)
- Yellow (38%)
- Blue (78%)



- Cyan (34%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 98, 200 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 132, 98, 200 by changing the saturation by 10% instead.

 132, 98, 200

 132, 98, 200

255, 255, 255

 105, 74, 172

 188, 150, 255

 78, 50, 145

 217, 176, 255

 50, 27, 119

 246, 204, 255

 19, 4, 94

 255, 232, 255

 0, 0, 70

 0, 4, 46

 0, 1, 24

 0, 0, 0

 132, 98, 200

 132, 98, 200

■ 119, 78, 200

■ 145, 118, 200

■ 105, 58, 200

■ 159, 138, 200

■ 92, 38, 200

■ 172, 158, 200

■ 79, 18, 200

■ 185, 178, 200

■ 67, 0, 200

■ 199, 198, 200

■ 200, 218, 206

■ 200, 238, 213

■ 200, 255, 216

■ 200, 255, 203

Harmonies

Analogous

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



0, 78, 220



132, 98, 200



187, 73, 159

Triad

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



132, 98, 200



140, 172, 8



0, 73, 140

Complementary

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



132, 98, 200



98, 200, 132

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, 90, 138



132, 98, 200



12, 130, 0

Square

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



132, 98, 200



200, 78, 59



21, 131, 76



0, 78, 177

Rectangle

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



132, 98, 200



204, 63, 125



21, 131, 76



0, 78, 140

Sweetspot

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



132, 98, 200



229, 217, 255



98, 139, 200



112, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 98, 200



151, 99, 255



183, 98, 200



93, 90, 99



54, 0, 163



12, 0, 36

Inverse Universe

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



200, 98, 166



255, 99, 203



98, 200, 183



99, 90, 96



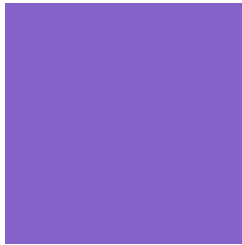
163, 0, 109



36, 0, 24

Previews

White Background



This preview shows how the RYB color 132, 98, 200 looks on a white background.

Color Contrast Check

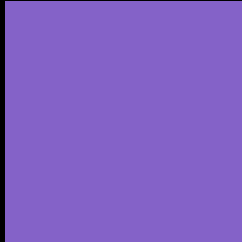
Large Text (above 18pt) WCAG AA ✓ Pass

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 132, 98, 200 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 132, 98, 200 Background



This preview shows how black text looks on a background with the RYB color 132, 98, 200.

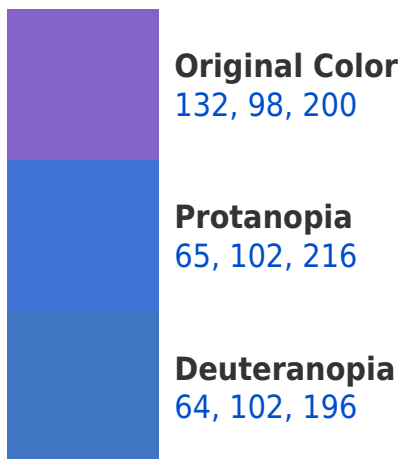


This preview shows how white text looks on a background with the RYB color 132, 98, 200.

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
117, 116, 125

Trichromacy



Original Color
132, 98, 200

Protanomaly
89, 105, 210

Deuteranomaly
89, 107, 197

Tritanomaly
122, 109, 152

Monochromacy



Original Color
132, 98, 200

Achromatopsia
120, 120, 120

Achromatomaly
124, 112, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 98, 200 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(132, 98, 200)` looks like.

```
.text, #text, p{  
  color:rgb(132, 98, 200)  
}
```

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(132, 98, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 98, 200) }
```

Border

The CSS property to change the border of an element to RYB 132, 98, 200 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(132, 98, 200) }
```

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

```
.border{ border-color:rgb(132, 98, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 98, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 98, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 98, 200);  
box-shadow:4px 4px 4px 4px rgb(132, 98,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 132, 98, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 98, 200) }
```

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

```
.background{ background-color: rgb(132, 98,  
200) }
```

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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