

Converting Colors

`RYB(132, 91, 208)`

Have a look what the booklet for
RYB(132, 91, 208) contains.

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Color

R_YB(132, 91, 208)

Conversions

Conversions Part 1

Format	Color
Hex	845BD0
RGB	132, 91, 208
RGB Percent	52%, 36%, 82%
CMY	0.4824, 0.6431, 0.1843
CMYK	0.37, 0.56, 0.00, 0.18
HSL	261°, 55%, 59%
HSV	261°, 56%, 82%
XYZ	24.6420, 16.9418, 61.6458
YIQ	116.5970, -13.1210, 45.0790

Conversions

Conversions Part 2

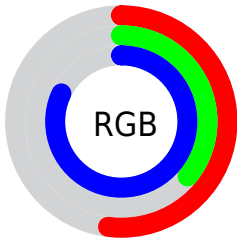
Format	Color
R_{YB}	132, 91, 208
Decimal	8674256
CIE _{Lab}	48.19, 42.16, -54.79
CIE _{LCh}	48, 69.129, 307.576
Yxy	16.9418, 0.2387, 0.1641
Android (android.graphics.Color)	4286864336 (0xFF845BD0)
YUV	116.5970, 45.0617, 13.5084
Hunter-Lab	41.1604, 34.8340, -59.9862

Details

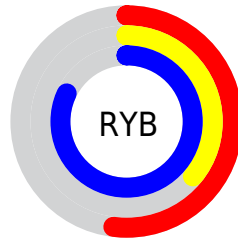
The RYB color **132, 91, 208** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **91, 208, 132**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **189, 143, 255**, and **76, 42, 153** is the 20% darker color. If you saturate the color by 10%, you get **118, 70, 208**, and if you desaturate by 10%, it is **146, 112, 208**.

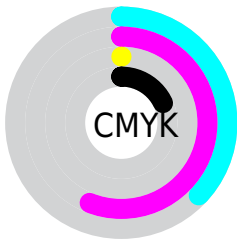
Distribution



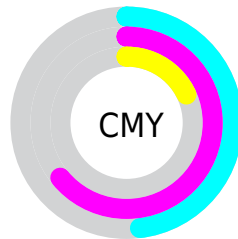
- Red (52%)
- Green (36%)
- Blue (82%)



- Red (52%)
- Yellow (36%)
- Blue (82%)



- Cyan (37%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (48%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 91, 208 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, 91, 208 by changing the saturation by 10% instead.



132, 91, 208



132, 91, 208

255, 255, 255



104, 66, 180



189, 143, 255



76, 42, 153



218, 169, 255



47, 18, 126



247, 197, 255



8, 0, 100



255, 225, 255



0, 0, 76

255, 254, 255



0, 4, 52



0, 2, 30




0, 0, 0



132, 91, 208



132, 91, 208

 118, 70, 208

 146, 112, 208


 105, 49, 208

 159, 133, 208


 91, 29, 208

 173, 153, 208

 78, 8, 208

 186, 174, 208

 73, 0, 208

 200, 195, 208

 208, 216, 211

 208, 237, 218

 208, 255, 223

 208, 255, 209

Harmonies

Analogous

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



0, 78, 232



132, 91, 208



194, 57, 160

Triad

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



132, 91, 208



142, 173, 0



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, 91, 208



91, 208, 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, 92, 137



132, 91, 208



9, 125, 0

Square

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



132, 91, 208



206, 66, 46



0, 130, 70



0, 79, 185

Rectangle

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



132, 91, 208



212, 40, 122



0, 130, 70



0, 78, 139

Sweetspot

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



132, 91, 208



227, 212, 255



91, 137, 208



111, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 91, 208



142, 82, 255



190, 91, 208



98, 94, 105



59, 0, 168



14, 0, 41

Inverse Universe

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



208, 91, 167



255, 82, 194



91, 208, 190



105, 94, 101



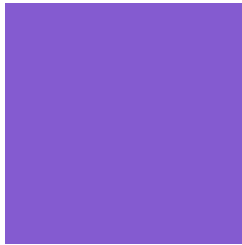
168, 0, 109



41, 0, 27

Previews

White Background



This preview shows how the RYB color 132, 91, 208 looks on a white background.

Color Contrast Check

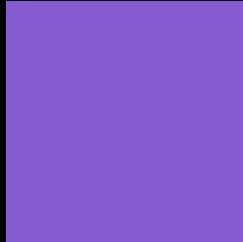
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

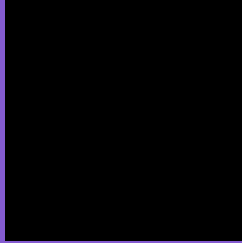
Any Text WCAG AA × Fail

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 132, 91, 208 Background



This preview shows how black text looks on a background with the RYB color 132, 91, 208.

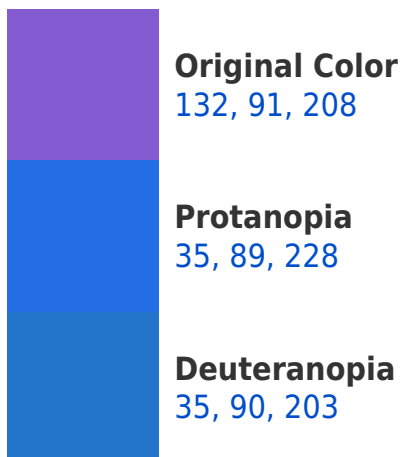



This preview shows how white text looks on a background with the RYB color 132, 91, 208.

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](#).

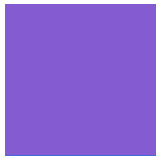
Dichromacy





Tritanopia
114, 114, 123

Trichromacy



Original Color

132, 91, 208



Protanomaly

70, 97, 221



Deuteranomaly

70, 99, 205



Tritanomaly

121, 106, 154

Monochromacy



Original Color

132, 91, 208



Achromatopsia

117, 117, 117



Achromatomaly

122, 108, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 91, 208 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, 91, 208)` looks like.

```
.text, #text, p{  
    color:rgb(132, 91, 208)  
}
```

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, 91, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 91, 208) }
```

Border

The CSS property to change the border of an element to RYB 132, 91, 208 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, 91, 208) }
```

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

```
.border{ border-color:rgb(132, 91, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 91, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 91, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 91, 208);  
box-shadow:4px 4px 4px 4px rgb(132, 91,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 132, 91, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 91, 208) }
```

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

```
.background{ background-color: rgb(132, 91,  
208) }
```

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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