

Converting Colors

`RYB(140, 102, 191)`

Have a look what the booklet for
RYB(140, 102, 191) contains.

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Color

`RYB(140, 102, 191)`

Conversions

Conversions Part 1

Format	Color
Hex	8C66BF
RGB	140, 102, 191
RGB Percent	55%, 40%, 75%
CMY	0.4510, 0.6000, 0.2510
CMYK	0.27, 0.47, 0.00, 0.25
HSL	266°, 41%, 57%
HSV	266°, 47%, 75%
XYZ	24.9706, 18.8398, 51.6106
YIQ	123.5080, -5.9210, 35.7350

Conversions

Conversions Part 2

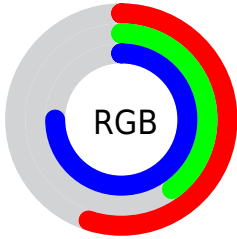
Format	Color
R_{YB}	140, 102, 191
Decimal	9201343
CIE _{Lab}	50.50, 33.60, -41.29
CIE _{LCh}	50, 53.230, 309.139
Yxy	18.8398, 0.2617, 0.1974
Android (android.graphics.Color)	4287391423 (0xFF8C66BF)
YUV	123.5080, 33.2736, 14.4635
Hunter-Lab	43.4048, 26.7317, -40.1155

Details

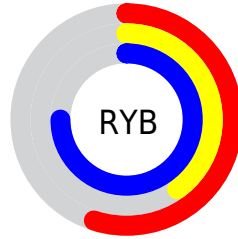
The RYB color **140, 102, 191** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **102, 191, 140**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **195, 154, 248**, and **87, 54, 137** is the 20% darker color. If you saturate the color by 10%, you get **129, 83, 191**, and if you desaturate by 10%, it is **151, 121, 191**.

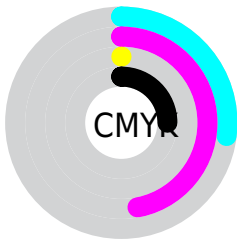
Distribution



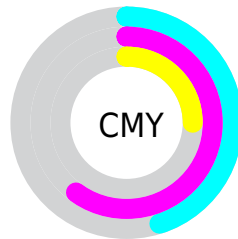
- Red (55%)
- Green (40%)
- Blue (75%)



- Red (55%)
- Yellow (40%)
- Blue (75%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)




- Cyan (45%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 102, 191 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 140, 102, 191 by changing the saturation by 10% instead.

 140, 102, 191


255, 255, 255

 195, 154, 248

 224, 181, 255


 253, 209, 255

 255, 237, 255

 140, 102, 191

 113, 77, 164

 87, 54, 137

 61, 31, 111

 35, 8, 86


 14, 0, 63

 0, 3, 40

 0, 1, 17

 0, 0, 0

 140, 102, 191

 140, 102, 191

129, 83, 191

151, 121, 191

118, 64, 191

162, 140, 191

107, 45, 191

173, 159, 191

96, 26, 191

184, 178, 191

85, 7, 191

191, 198, 194

82, 0, 191

191, 217, 202

191, 236, 210

191, 255, 218

191, 255, 207

Harmonies

Analogous

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



45, 97, 210



140, 102, 191



185, 83, 153

Triad

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



140, 102, 191



145, 169, 30



0, 73, 142

Complementary

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



140, 102, 191



102, 191, 140

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, 87, 140



140, 102, 191



25, 130, 16

Square

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



140, 102, 191



195, 93, 65



44, 133, 96



0, 78, 176

Rectangle

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



140, 102, 191



199, 76, 123



44, 133, 96



0, 77, 141

Sweetspot

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



140, 102, 191



228, 213, 247



102, 135, 191



113, 104, 125



252, 252, 252



125, 125, 125

Same Dimension

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



140, 102, 191



168, 109, 247



184, 102, 191



89, 85, 94



68, 0, 158



13, 0, 31

Inverse Universe

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



191, 102, 153



247, 109, 188



102, 191, 184



94, 85, 90



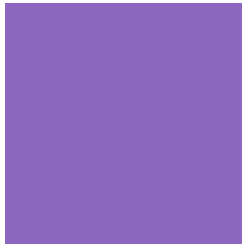
158, 0, 91



31, 0, 18

Previews

White Background



This preview shows how the RYB color 140, 102, 191 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 140, 102, 191 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 140, 102, 191 Background



This preview shows how black text looks on a background with the RYB color 140, 102, 191.

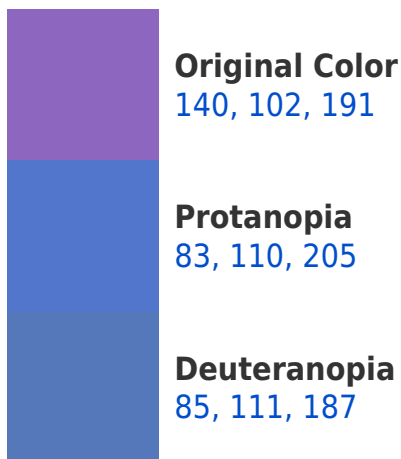


This preview shows how white text looks on a background with the RYB color 140, 102, 191.

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
128, 117, 126

Trichromacy



Original Color
140, 102, 191

Protanomaly
104, 111, 200

Deuteranomaly
105, 112, 188

Tritanomaly
132, 112, 150

Monochromacy



Original Color
140, 102, 191

Achromatopsia
124, 124, 124

Achromatomaly
130, 116, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 102, 191 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(140, 102, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 191)  
}
```

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(140, 102, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 191) }
```

Border

The CSS property to change the border of an element to RYB 140, 102, 191 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(140, 102, 191) }
```

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

```
.border{ border-color:rgb(140, 102, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 102, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 140, 102, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 191) }
```

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

```
.background{ background-color: rgb(140,  
102, 191) }
```

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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