

Converting Colors

`RYB(142, 98, 161)`

Have a look what the booklet for
RYB(142, 98, 161) contains.

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Color

R_YB(142, 98, 161)

Conversions

Conversions Part 1

Format	Color
Hex	8E62A1
RGB	142, 98, 161
RGB Percent	56%, 38%, 63%
CMY	0.4431, 0.6157, 0.3686
CMYK	0.12, 0.39, 0.00, 0.37
HSL	282°, 25%, 51%
HSV	282°, 39%, 63%
XYZ	21.9560, 17.0594, 35.8538
YIQ	118.3380, 6.0010, 28.9210

Conversions

Conversions Part 2

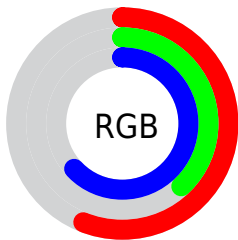
Format	Color
R_{YB}	142, 98, 161
Decimal	9331361
CIE _{Lab}	48.33, 29.49, -27.19
CIE _{LCh}	48, 40.106, 317.323
Yxy	17.0594, 0.2933, 0.2279
Android (android.graphics.Color)	4287521441 (0xFF8E62A1)
YUV	118.3380, 21.0324, 20.7516
Hunter-Lab	41.3030, 22.6077, -22.5557

Details

The RYB color **142, 98, 161** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98, 161, 142**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **197, 149, 216**, and **90, 50, 109** is the 20% darker color. If you saturate the color by 10%, you get **137, 82, 161**, and if you desaturate by 10%, it is **147, 114, 161**.

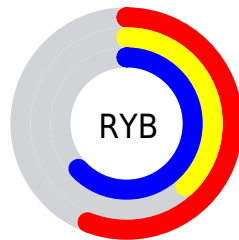
Distribution



Red (56%)

Green (38%)

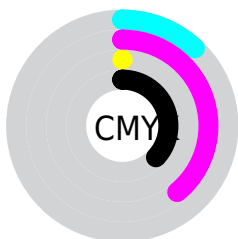
Blue (63%)



Red (56%)

Yellow (38%)

Blue (63%)

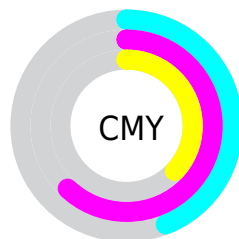


Cyan (12%)

Magenta (39%)

Yellow (0%)

Black (37%)



Cyan (44%)

Magenta (62%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 142, 98, 161 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 142, 98, 161 by changing the saturation by 10% instead.

 142, 98, 161

255, 255, 255

 197, 149, 216

 225, 176, 245

 254, 204, 255

 255, 232, 255

 142, 98, 161

 137, 82, 161

 142, 98, 161

 116, 74, 135

 90, 50, 109

 66, 27, 85


 42, 4, 61

 22, 0, 39

 0, 1, 16

 0, 0, 0

 142, 98, 161

 147, 114, 161

132, 66, 161

152, 130, 161

127, 50, 161

157, 146, 161

123, 34, 161

161, 162, 162

118, 18, 161

161, 179, 174

113, 1, 161

161, 195, 185

112, 0, 161

161, 211, 196

161, 227, 207

161, 243, 218

Harmonies

Analogous

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



93, 108, 179



142, 98, 161



170, 87, 131

Triad

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



142, 98, 161



111, 147, 47



0, 66, 134

Complementary

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



142, 98, 161



98, 161, 142

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, 75, 131



142, 98, 161



47, 119, 51

Square

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



142, 98, 161



169, 106, 66



67, 127, 118



0, 72, 164

Rectangle

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



142, 98, 161



178, 85, 108



67, 127, 118



0, 69, 132

Sweetspot

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



142, 98, 161



202, 184, 209



98, 113, 161



100, 90, 105



232, 232, 232



105, 105, 105

Same Dimension

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



142, 98, 161



179, 111, 209



161, 98, 149



79, 73, 82



102, 0, 145



12, 0, 18

Inverse Universe

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



161, 98, 117



209, 111, 140



98, 151, 161



82, 73, 76



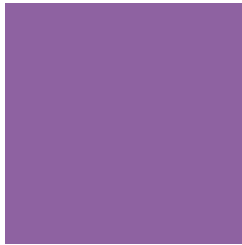
145, 0, 44



18, 0, 5

Previews

White Background



This preview shows how the RYB color 142, 98, 161 looks on a white background.

Color Contrast Check

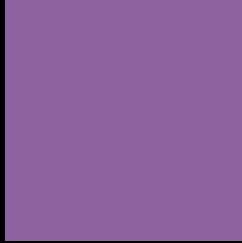
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 98, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

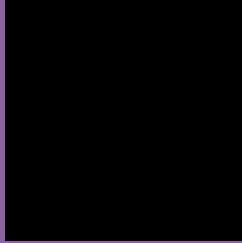
Any Text WCAG AA × Fail

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 142, 98, 161 Background



This preview shows how black text looks on a background with the R Y B color 142, 98, 161.

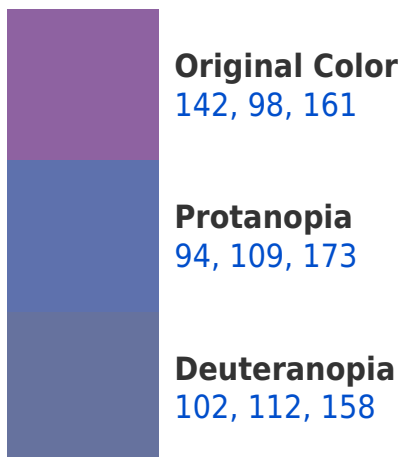


This preview shows how white text looks on a background with the R Y B color 142, 98, 161.

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
135, 108, 116

Trichromacy



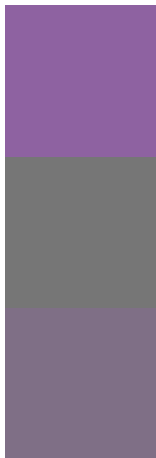
Original Color
142, 98, 161

Protanomaly
111, 108, 169

Deuteranomaly
117, 108, 159

Tritanomaly
138, 104, 132

Monochromacy



Original Color
142, 98, 161

Achromatopsia
118, 118, 118

Achromatomaly
127, 111, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 98, 161 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(142, 98, 161)` looks like.

```
.text, #text, p{  
    color:rgb(142, 98, 161)  
}
```

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(142, 98, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 98, 161) }
```

Border

The CSS property to change the border of an element to RYB 142, 98, 161 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(142, 98, 161) }
```

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

```
.border{ border-color:rgb(142, 98, 161) }
```

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

Here you see how a box with a 4 pixel rgb(142, 98, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 98, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 98, 161);  
box-shadow:4px 4px 4px 4px rgb(142, 98,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 142, 98, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 98, 161) }
```

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

```
.background{ background-color: rgb(142, 98,  
161) }
```

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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