

Converting Colors

`RYB(142, 60, 103)`

Have a look what the booklet for
RYB(142, 60, 103) contains.

RYB(142, 60, 103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(142, 60, 103)`

Conversions

Conversions Part 1

Format	Color
Hex	8E3C67
RGB	142, 60, 103
RGB Percent	56%, 24%, 40%
CMY	0.4431, 0.7647, 0.5961
CMYK	0.00, 0.58, 0.27, 0.44
HSL	329°, 41%, 40%
HSV	329°, 58%, 56%
XYZ	15.2194, 9.9618, 13.9526
YIQ	89.4200, 35.0690, 30.7570

Conversions

Conversions Part 2

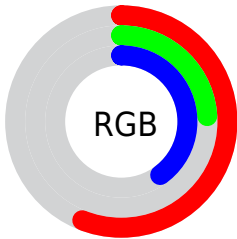
Format	Color
R_{YB}	142, 60, 103
Decimal	9321575
CIE _{Lab}	37.77, 39.73, -8.12
CIE _{LCh}	38, 40.550, 348.452
Yxy	9.9618, 0.3889, 0.2546
Android (android.graphics.Color)	4287511655 (0xFF8E3C67)
YUV	89.4200, 6.6949, 46.1127
Hunter-Lab	31.5623, 30.8389, -4.1165

Details

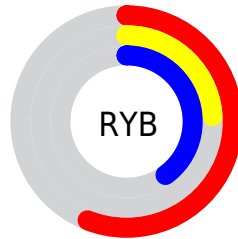
The RYB color **142, 60, 103** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **60, 116, 142**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **198, 111, 154**, and **89, 4, 56** is the 20% darker color. If you saturate the color by 10%, you get **142, 46, 96**, and if you desaturate by 10%, it is **142, 74, 110**.

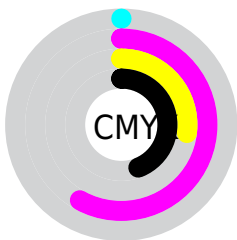
Distribution



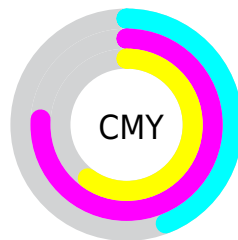
- Red (56%)
- Green (24%)
- Blue (40%)



- Red (56%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (58%)
- Yellow (27%)
- Black (44%)



- Cyan (44%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 60, 103 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, 60, 103 by changing the saturation by 10% instead.



142, 60, 103



142, 60, 103

255, 255, 255



115, 34, 79



198, 111, 154



89, 4, 56



227, 138, 181



63, 0, 35



255, 165, 208



41, 0, 12



255, 192, 237



0, 0, 0



255, 221, 255



255, 250, 255



142, 60, 103



142, 60, 103



142, 46, 96



142, 74, 110

■ 142, 32, 89

■ 142, 88, 117

■ 142, 17, 83

■ 142, 103, 123

■ 142, 3, 76

■ 142, 117, 130

■ 142, 0, 74

■ 142, 131, 137

■ 142, 144, 145

■ 142, 154, 159

■ 142, 164, 174

■ 142, 173, 188

Harmonies

Analogous

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



116, 71, 133



142, 60, 103



149, 59, 70

Triad

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



142, 60, 103



20, 93, 26



0, 58, 137

Complementary

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



142, 60, 103



60, 116, 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, 53, 109



142, 60, 103



43, 100, 96

Square

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



142, 60, 103



72, 117, 20



0, 60, 104



0, 59, 153

Rectangle

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



142, 60, 103



144, 69, 50



0, 60, 104



0, 58, 129

Sweetspot

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



142, 60, 103



184, 152, 169



98, 60, 142



92, 73, 83



219, 219, 219



92, 92, 92

Same Dimension

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



142, 60, 103



184, 57, 123



142, 60, 63



71, 64, 68



135, 0, 71



8, 0, 4

Inverse Universe

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



142, 60, 103



184, 57, 123



60, 102, 142



71, 64, 68



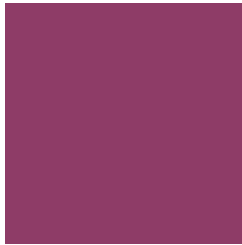
135, 0, 71



8, 0, 4

Previews

White Background



This preview shows how the RYB color 142, 60, 103 looks on a white background.

Color Contrast Check

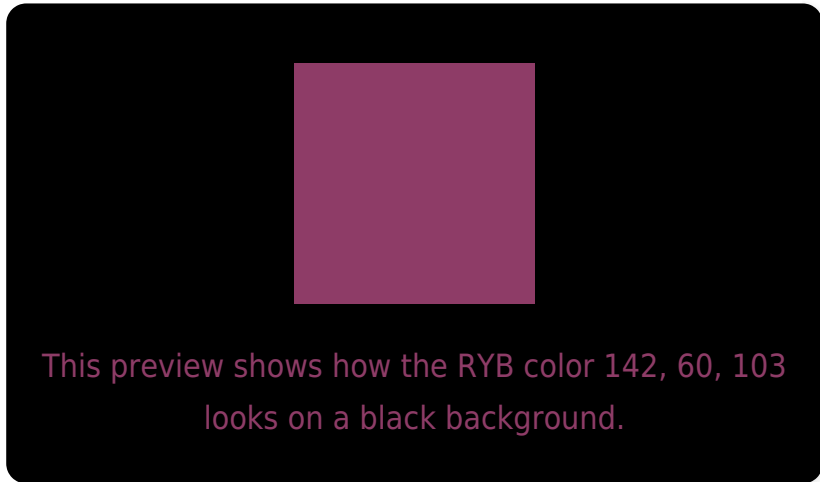
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

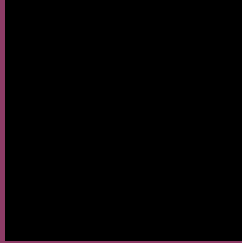
Any Text WCAG AA × Fail

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 142, 60, 103 Background



This preview shows how black text looks on a background with the RYB color 142, 60, 103.

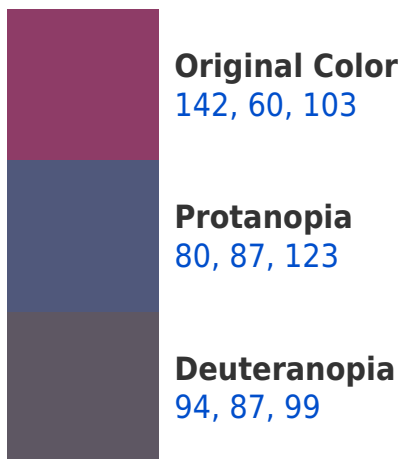


This preview shows how white text looks on a background with the RYB color 142, 60, 103.

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
139, 67, 72

Trichromacy



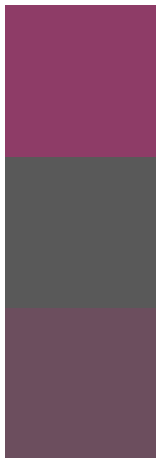
Original Color
142, 60, 103

Protanomaly
103, 78, 116

Deuteranomaly
111, 77, 100

Tritanomaly
140, 64, 83

Monochromacy



Original Color
142, 60, 103

Achromatopsia
89, 89, 89

Achromatomaly
108, 78, 94

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 60, 103 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, 60, 103) looks like.

```
.text, #text, p{  
    color:rgb(142, 60, 103)  
}
```

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, 60, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 60, 103) }
```

Border

The CSS property to change the border of an element to RYB 142, 60, 103 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, 60, 103) }
```

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

```
.border{ border-color:rgb(142, 60, 103) }
```

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

Here you see how a box with a 4 pixel rgb(142, 60, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 60, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 60, 103);  
box-shadow:4px 4px 4px 4px rgb(142, 60,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 142, 60, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 60, 103) }
```

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

```
.background{ background-color: rgb(142, 60,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor