

Converting Colors

`RYB(140, 94, 158)`

Have a look what the booklet for
RYB(140, 94, 158) contains.

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Color

R_YB(140, 94, 158)

Conversions

Conversions Part 1

Format	Color
Hex	8C5E9E
RGB	140, 94, 158
RGB Percent	55%, 37%, 62%
CMY	0.4510, 0.6314, 0.3804
CMYK	0.11, 0.41, 0.00, 0.38
HSL	283°, 25%, 49%
HSV	283°, 41%, 62%
XYZ	20.9895, 16.0495, 34.3393
YIQ	115.0500, 6.8720, 29.6560

Conversions

Conversions Part 2

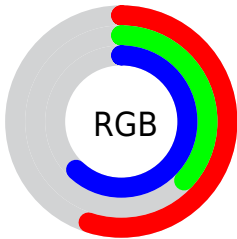
Format	Color
R_{YB}	140, 94, 158
Decimal	9199262
CIE _{Lab}	47.04, 30.50, -27.45
CIE _{LCh}	47, 41.032, 318.015
Yxy	16.0495, 0.2941, 0.2249
Android (android.graphics.Color)	4287389342 (0xFF8C5E9E)
YUV	115.0500, 21.1744, 21.8812
Hunter-Lab	40.0618, 23.4129, -22.7777

Details

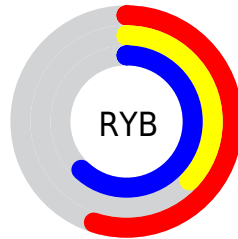
The RYB color **140, 94, 158** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **94, 158, 140**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **195, 145, 213**, and **88, 46, 106** is the 20% darker color. If you saturate the color by 10%, you get **136, 78, 158**, and if you desaturate by 10%, it is **144, 110, 158**.

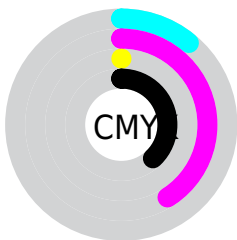
Distribution



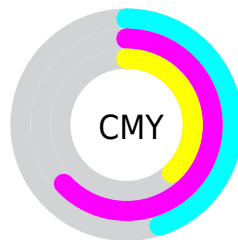
- Red (55%)
- Green (37%)
- Blue (62%)



- Red (55%)
- Yellow (37%)
- Blue (62%)



- Cyan (11%)
- Magenta (41%)
- Yellow (0%)
- Black (38%)




- Cyan (45%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 94, 158 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, 94, 158 by changing the saturation by 10% instead.

 140, 94, 158


255, 255, 255

 195, 145, 213

 223, 172, 241

 252, 200, 255

 255, 228, 255

 140, 94, 158

 114, 70, 132

 88, 46, 106

 64, 23, 82

 40, 1, 58

 17, 0, 37


 0, 0, 12

 0, 0, 0

 140, 94, 158

 136, 78, 158

 140, 94, 158

 144, 110, 158

131, 62, 158

149, 126, 158

127, 47, 158

153, 141, 158

122, 31, 158

158, 157, 158

118, 15, 158

158, 173, 169

114, 0, 158

158, 189, 180

158, 205, 192

158, 220, 202

158, 236, 214

Harmonies

Analogous

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



90, 105, 177



140, 94, 158



168, 83, 127

Triad

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



140, 94, 158



103, 143, 42



0, 65, 132

Complementary

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



140, 94, 158



94, 158, 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, 73, 128



140, 94, 158



42, 116, 47

Square

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



140, 94, 158



166, 105, 61



63, 124, 116



0, 71, 162

Rectangle

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



140, 94, 158



175, 81, 104



63, 124, 116



0, 67, 129

Sweetspot

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



140, 94, 158



200, 182, 207



94, 108, 158



100, 90, 105



232, 232, 232



105, 105, 105

Same Dimension

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



140, 94, 158



178, 105, 207



158, 94, 144



77, 71, 79



103, 0, 143



11, 0, 15

Inverse Universe

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



158, 94, 112



207, 105, 134



94, 147, 158



79, 71, 73



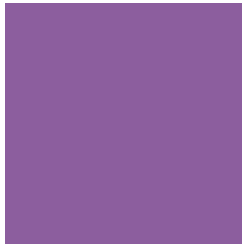
143, 0, 40



15, 0, 4

Previews

White Background



This preview shows how the RYB color 140, 94, 158 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 140, 94, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

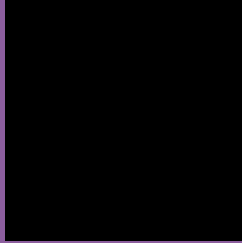
Any Text WCAG AA × Fail

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](#).

RYP 140, 94, 158 Background



This preview shows how black text looks on a background with the RYP color 140, 94, 158.

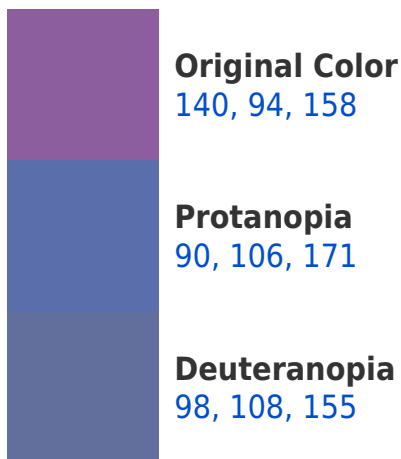


This preview shows how white text looks on a background with the RYP color 140, 94, 158.

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
133, 104, 112

Trichromacy



Original Color
140, 94, 158

Protanomaly
108, 104, 166

Deuteranomaly
113, 104, 156

Tritanomaly
136, 100, 129

Monochromacy



Original Color
140, 94, 158

Achromatopsia
115, 115, 115

Achromatomaly
124, 107, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 94, 158 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, 94, 158) looks like.

```
.text, #text, p{  
    color:rgb(140, 94, 158)  
}
```

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, 94, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 94, 158) }
```

Border

The CSS property to change the border of an element to RYB 140, 94, 158 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, 94, 158) }
```

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

```
.border{ border-color:rgb(140, 94, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 94, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 94, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 94, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 94,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 140, 94, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 94, 158) }
```

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

```
.background{ background-color: rgb(140, 94,  
158) }
```

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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