

Converting Colors

`RYB(140, 93, 162)`

Have a look what the booklet for
RYB(140, 93, 162) contains.

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Color

R_YB(140, 93, 162)

Conversions

Conversions Part 1

Format	Color
Hex	8C5DA2
RGB	140, 93, 162
RGB Percent	55%, 36%, 64%
CMY	0.4510, 0.6353, 0.3647
CMYK	0.14, 0.43, 0.00, 0.36
HSL	281°, 27%, 50%
HSV	281°, 43%, 64%
XYZ	21.2512, 16.0128, 36.1531
YIQ	114.9190, 5.8630, 31.4230

Conversions

Conversions Part 2

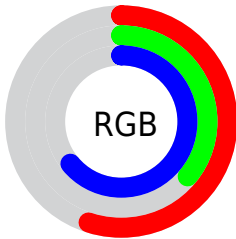
Format	Color
R_{YB}	140, 93, 162
Decimal	9199010
CIE _{Lab}	46.99, 31.96, -29.89
CIE _{LCh}	47, 43.755, 316.918
Yxy	16.0128, 0.2895, 0.2181
Android (android.graphics.Color)	4287389090 (0xFF8C5DA2)
YUV	114.9190, 23.2109, 21.9960
Hunter-Lab	40.0160, 24.7675, -25.5554

Details

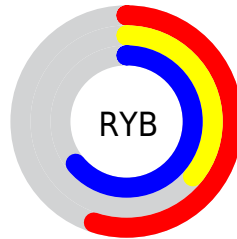
The RYB color **140, 93, 162** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **93, 162, 140**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **195, 144, 217**, and **88, 45, 110** is the 20% darker color. If you saturate the color by 10%, you get **135, 77, 162**, and if you desaturate by 10%, it is **145, 109, 162**.

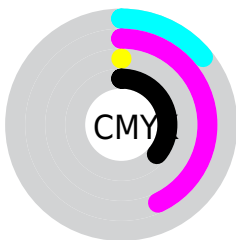
Distribution



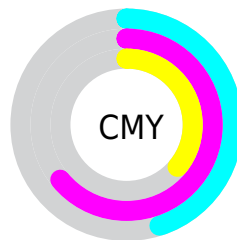
- Red (55%)
- Green (36%)
- Blue (64%)



- Red (55%)
- Yellow (36%)
- Blue (64%)



- Cyan (14%)
- Magenta (43%)
- Yellow (0%)
- Black (36%)




- Cyan (45%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 93, 162 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, 93, 162 by changing the saturation by 10% instead.

 140, 93, 162


255, 255, 255

 195, 144, 217

 223, 171, 246


 252, 199, 255

 255, 227, 255

 140, 93, 162

 114, 69, 136

 88, 45, 110

 63, 22, 85

 40, 0, 62

 16, 0, 40


 0, 1, 17


 0, 0, 0

 140, 93, 162

 135, 77, 162

 140, 93, 162

 145, 109, 162


 130, 61, 162

 150, 125, 162


 125, 44, 162


 155, 142, 162


 119, 28, 162

 161, 158, 162

 114, 12, 162

 162, 174, 170

 110, 0, 162

 162, 190, 181

 162, 206, 192

 162, 223, 204

 162, 239, 215

Harmonies

Analogous

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



84, 103, 182



140, 93, 162



171, 81, 129

Triad

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



140, 93, 162



103, 145, 37



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, 93, 162



93, 162, 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, 74, 128



140, 93, 162



36, 116, 40

Square

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



140, 93, 162



169, 102, 59



59, 124, 114



0, 72, 164

Rectangle

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



140, 93, 162



179, 78, 104



59, 124, 114



0, 67, 129

Sweetspot

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



140, 93, 162



203, 184, 212



93, 110, 162



102, 90, 107



235, 235, 235



107, 107, 107

Same Dimension

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



140, 93, 162



177, 104, 212



162, 93, 150



79, 73, 82



99, 0, 145



12, 0, 18

Inverse Universe

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



162, 93, 115



212, 104, 138



93, 152, 162



82, 73, 76



145, 0, 46



18, 0, 6

Previews

White Background



This preview shows how the RYB color 140, 93, 162 looks on a white background.

Color Contrast Check

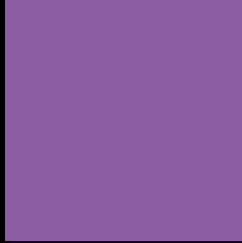
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

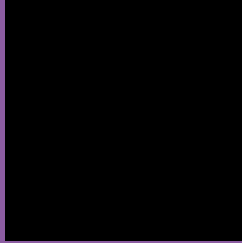
Any Text WCAG AA × Fail

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 140, 93, 162 Background



This preview shows how black text looks on a background with the RYB color 140, 93, 162.



This preview shows how white text looks on a background with the RYB color 140, 93, 162.

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



Original Color
140, 93, 162

Protanopia
87, 105, 176

Deuteranopia
94, 107, 159



Tritanopia
132, 104, 112

Trichromacy



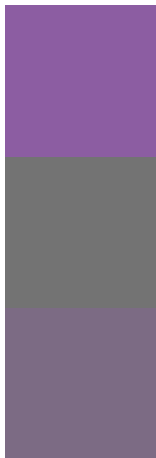
Original Color
140, 93, 162

Protanomaly
106, 104, 171

Deuteranomaly
111, 104, 160

Tritanomaly
135, 100, 130

Monochromacy



Original Color
140, 93, 162

Achromatopsia
115, 115, 115

Achromatomaly
124, 107, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 93, 162 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, 93, 162) looks like.

```
.text, #text, p{  
    color:rgb(140, 93, 162)  
}
```

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, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 93, 162) }
```

Border

The CSS property to change the border of an element to RYB 140, 93, 162 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, 93, 162) }
```

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

```
.border{ border-color:rgb(140, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(140, 93,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 140, 93, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 93, 162) }
```

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

```
.background{ background-color: rgb(140, 93,  
162) }
```

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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