

Converting Colors

`RYB(130, 102, 140)`

Have a look what the booklet for
RYB(130, 102, 140) contains.

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Color

R_YB(130, 102, 140)

Conversions

Conversions Part 1

Format	Color
Hex	82668C
RGB	130, 102, 140
RGB Percent	51%, 40%, 55%
CMY	0.4902, 0.6000, 0.4510
CMYK	0.07, 0.27, 0.00, 0.45
HSL	284°, 16%, 47%
HSV	284°, 27%, 55%
XYZ	18.6909, 16.1420, 26.9415
YIQ	114.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

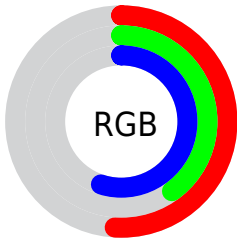
Format	Color
R _Y B	130, 102, 140
Decimal	8545932
CIE Lab	47.16, 18.52, -16.66
CIE LCh	47, 24.910, 318.017
Yxy	16.1420, 0.3026, 0.2613
Android (android.graphics.Color)	4286736012 (0xFF82668C)
YUV	114.7040, 12.4709, 13.4146
Hunter-Lab	40.1771, 12.7305, -11.6341

Details

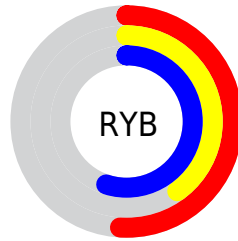
The RYB color **130, 102, 140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **102, 140, 130**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **183, 153, 194**, and **80, 55, 90** is the 20% darker color. If you saturate the color by 10%, you get **126, 88, 140**, and if you desaturate by 10%, it is **134, 116, 140**.

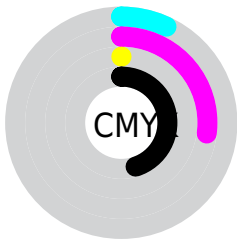
Distribution



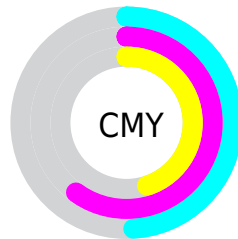
- Red (51%)
- Green (40%)
- Blue (55%)



- Red (51%)
- Yellow (40%)
- Blue (55%)



- Cyan (7%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 102, 140 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 130, 102, 140 by changing the saturation by 10% instead.

■ 130, 102, 140

255, 255, 255

■ 183, 153, 194

■ 211, 180, 222

■ 240, 208, 250

■ 255, 236, 255

■ 130, 102, 140

■ 126, 88, 140

■ 123, 74, 140

■ 130, 102, 140

■ 105, 78, 114

■ 80, 55, 90

■ 57, 33, 66

■ 34, 12, 44

■ 3, 0, 23

■ 0, 0, 0

■ 130, 102, 140

■ 134, 116, 140

■ 137, 130, 140

119, 60, 140

140, 144, 143

115, 46, 140

140, 158, 153

112, 32, 140

140, 172, 164

108, 18, 140

140, 186, 174

104, 4, 140

140, 200, 184

103, 0, 140

140, 214, 195

140, 228, 205

Harmonies

Analogous

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



103, 108, 151



130, 102, 140



148, 97, 121

Triad

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



130, 102, 140



115, 134, 71



41, 82, 124

Complementary

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



130, 102, 140



102, 140, 130

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.



64, 100, 123



130, 102, 140



72, 115, 74

Square

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



130, 102, 140



148, 109, 82



83, 120, 113



42, 86, 142

Rectangle

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



130, 102, 140



153, 96, 107



83, 120, 113



48, 87, 123

Sweetspot

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



130, 102, 140



177, 167, 181



102, 110, 140



89, 83, 92



219, 219, 219



92, 92, 92

Same Dimension

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



130, 102, 140



165, 121, 181



140, 102, 131



67, 62, 69



98, 0, 133



4, 0, 5

Inverse Universe

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



140, 102, 112



181, 121, 137



102, 133, 140



69, 62, 64



133, 0, 35



5, 0, 1

Previews

White Background



This preview shows how the RYB color 130, 102, 140 looks on a white background.

Color Contrast Check

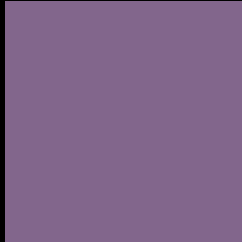
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 102, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

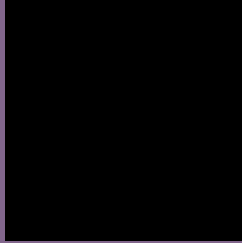
Any Text WCAG AA × Fail

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 130, 102, 140 Background



This preview shows how black text looks on a background with the RYB color 130, 102, 140.



This preview shows how white text looks on a background with the RYB color 130, 102, 140.

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
130, 102, 140

Protanopia
102, 109, 146

Deuteranopia
109, 110, 139



Tritanopia
126, 107, 115

Trichromacy



Original Color
130, 102, 140

Protanomaly
112, 108, 144

Deuteranomaly
117, 107, 139

Tritanomaly
127, 105, 124

Monochromacy



Original Color
130, 102, 140

Achromatopsia
115, 115, 115

Achromatomaly
120, 110, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 102, 140 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(130, 102, 140) looks like.

```
.text, #text, p{  
    color:rgb(130, 102, 140)  
}
```

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(130, 102, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 102, 140) }
```

Border

The CSS property to change the border of an element to RYB 130, 102, 140 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(130, 102, 140) }
```

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

```
.border{ border-color:rgb(130, 102, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 102, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 102, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 102, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 102,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 130, 102, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 102, 140) }
```

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

```
.background{ background-color: rgb(130,  
102, 140) }
```

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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