

Converting Colors

`RYB(126, 99, 140)`

Have a look what the booklet for
RYB(126, 99, 140) contains.

RYB(126, 99, 140)	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

R_YB(126, 99, 140)

Conversions

Conversions Part 1

Format	Color
Hex	7E638C
RGB	126, 99, 140
RGB Percent	49%, 39%, 55%
CMY	0.5059, 0.6118, 0.4510
CMYK	0.10, 0.29, 0.00, 0.45
HSL	280°, 17%, 47%
HSV	280°, 29%, 55%
XYZ	17.7996, 15.2527, 26.8169
YIQ	111.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

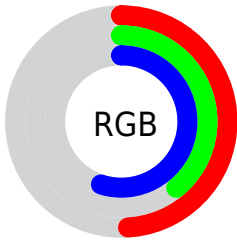
Format	Color
R_{YB}	126, 99, 140
Decimal	8283020
CIE _{Lab}	45.98, 18.91, -18.51
CIE _{LCh}	46, 26.462, 315.624
Yxy	15.2527, 0.2973, 0.2548
Android (android.graphics.Color)	4286473100 (0xFF7E638C)
YUV	111.7470, 13.9287, 12.4999
Hunter-Lab	39.0548, 13.0075, -13.3730

Details

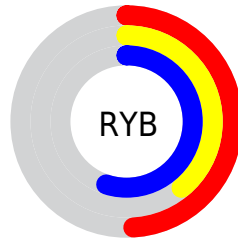
The RYB color **126, 99, 140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **99, 140, 126**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **179, 150, 194**, and **76, 52, 90** is the 20% darker color. If you saturate the color by 10%, you get **121, 85, 140**, and if you desaturate by 10%, it is **131, 113, 140**.

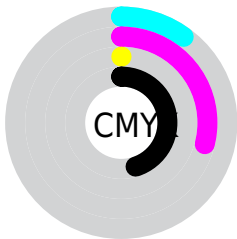
Distribution



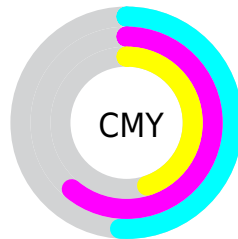
- Red (49%)
- Green (39%)
- Blue (55%)



- Red (49%)
- Yellow (39%)
- Blue (55%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 99, 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 126, 99, 140 by changing the saturation by 10% instead.



126, 99, 140



126, 99, 140

255, 255, 255



101, 75, 114



179, 150, 194



76, 52, 90



207, 177, 222



53, 30, 66



235, 204, 250



31, 9, 44



255, 233, 255



0, 0, 23



0, 0, 0



126, 99, 140



126, 99, 140



121, 85, 140



131, 113, 140



116, 71, 140



136, 127, 140

112, 57, 140

140, 141, 141

107, 43, 140

140, 155, 150

102, 29, 140

140, 169, 159

97, 15, 140

140, 183, 168

93, 1, 140

140, 197, 178

92, 0, 140

140, 211, 187

140, 225, 196

Harmonies

Analogous

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



96, 105, 151



126, 99, 140



145, 93, 120

Triad

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



126, 99, 140



117, 133, 66



30, 76, 121

Complementary

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



126, 99, 140



99, 140, 126

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.



59, 97, 120



126, 99, 140



67, 112, 66

Square

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



126, 99, 140



147, 102, 78



77, 117, 107



24, 76, 140

Rectangle

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



126, 99, 140



151, 92, 105



77, 117, 107



39, 82, 121

Sweetspot

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



126, 99, 140



175, 165, 181



99, 109, 140



88, 82, 92



219, 219, 219



92, 92, 92

Same Dimension

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



126, 99, 140



159, 118, 181



140, 99, 134



66, 62, 69



87, 0, 133



3, 0, 5

Inverse Universe

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



140, 99, 113



181, 118, 139



99, 135, 140



69, 62, 64



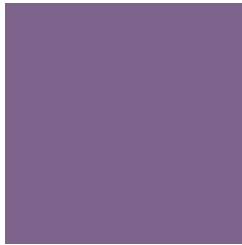
133, 0, 45



5, 0, 2

Previews

White Background



This preview shows how the RYB color 126, 99, 140 looks on a white background.

Color Contrast Check

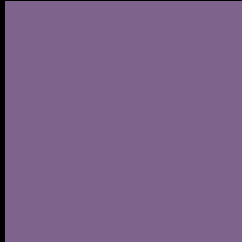
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 99, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

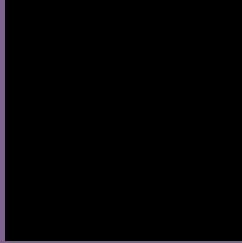
Any Text WCAG AA × Fail

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](#).

RYP 126, 99, 140 Background



This preview shows how black text looks on a background with the RYP color 126, 99, 140.

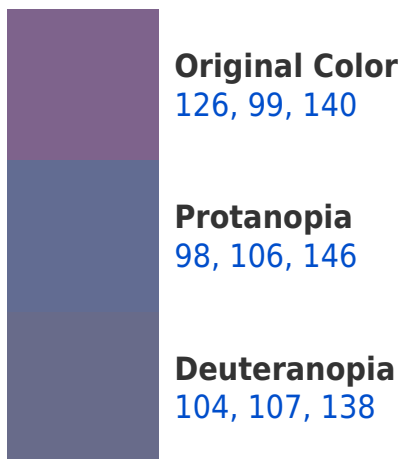



This preview shows how white text looks on a background with the RYP color 126, 99, 140.

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





Tritanopia
122, 104, 112

Trichromacy



Original Color

126, 99, 140

Protanomaly

108, 105, 144

Deuteranomaly

112, 104, 139

Tritanomaly

123, 102, 122

Monochromacy



Original Color

126, 99, 140

Achromatopsia

112, 112, 112

Achromatomaly

117, 107, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 99, 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(126, 99, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 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(126, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 140) }
```

Border

The CSS property to change the border of an element to RYB 126, 99, 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(126, 99, 140) }
```

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

```
.border{ border-color:rgb(126, 99, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 99, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 126, 99, 140 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 99, 140) }
```

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

```
.background{ background-color: rgb(126, 99,  
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](#).

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