

Converting Colors

`RYB(148, 126, 192)`

Have a look what the booklet for RYB(148, 126, 192) contains.

RYB(148, 126, 192)	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(148, 126, 192)

Conversions

Conversions Part 1

Format	Color
Hex	947EC0
RGB	148, 126, 192
RGB Percent	58%, 49%, 75%
CMY	0.4196, 0.5059, 0.2471
CMYK	0.23, 0.34, 0.00, 0.25
HSL	260°, 34%, 62%
HSV	260°, 34%, 75%
XYZ	29.1880, 25.0234, 53.1608
YIQ	140.1020, -8.0740, 25.1900

Conversions

Conversions Part 2

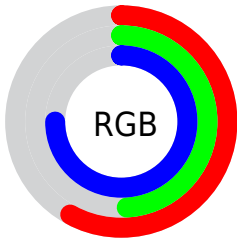
Format	Color
R_{YB}	148, 126, 192
Decimal	9731776
CIE _{Lab}	57.10, 22.25, -31.45
CIE _{LCh}	57, 38.531, 305.280
Yxy	25.0234, 0.2718, 0.2331
Android (android.graphics.Color)	4287921856 (0xFF947EC0)
YUV	140.1020, 25.5857, 6.9265
Hunter-Lab	50.0234, 16.6117, -27.9922

Details

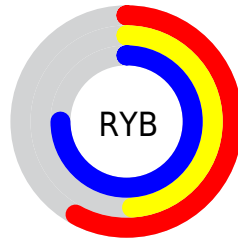
The RYB color **148, 126, 192** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **126, 192, 148**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **203, 179, 249**, and **96, 77, 138** is the 20% darker color. If you saturate the color by 10%, you get **135, 107, 192**, and if you desaturate by 10%, it is **161, 145, 192**.

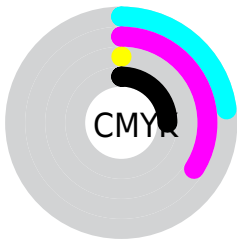
Distribution



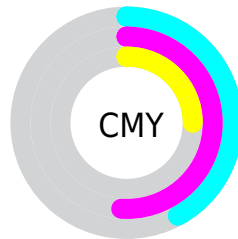
- Red (58%)
- Green (49%)
- Blue (75%)



- Red (58%)
- Yellow (49%)
- Blue (75%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 126, 192 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 148, 126, 192 by changing the saturation by 10% instead.

 148, 126, 192


255, 255, 255

 203, 179, 249

 232, 206, 255

 255, 235, 255

 148, 126, 192

 122, 101, 165

 96, 77, 138

 71, 54, 112

 46, 32, 88

 22, 11, 64


 0, 0, 42


 0, 1, 20

 0, 0, 0


 148, 126, 192


 148, 126, 192


 135, 107, 192

 161, 145, 192

 122, 88, 192

 174, 164, 192

 110, 68, 192


 186, 184, 192

 97, 49, 192

 192, 203, 196

 84, 30, 192

 192, 222, 202

 71, 11, 192

 192, 241, 208

 64, 0, 192

 192, 255, 209

 192, 255, 197

 192, 255, 192

Harmonies

Analogous

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



94, 126, 204



148, 126, 192



184, 114, 166

Triad

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



148, 126, 192



181, 168, 76



0, 81, 155

Complementary

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



148, 126, 192



126, 192, 148

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.



73, 128, 152



148, 126, 192



87, 152, 69

Square

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



148, 126, 192



198, 116, 100



81, 146, 110



0, 82, 175

Rectangle

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



148, 126, 192



197, 110, 144



81, 146, 110



28, 98, 154

Sweetspot

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



148, 126, 192



233, 225, 250



126, 152, 192



115, 110, 125



252, 252, 252



125, 125, 125

Same Dimension

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



148, 126, 192



182, 147, 250



181, 126, 192



90, 87, 97



54, 0, 161



11, 0, 33

Inverse Universe

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



192, 126, 170



250, 147, 216



126, 192, 181



97, 87, 94



161, 0, 107



33, 0, 22

Previews

White Background



This preview shows how the RYB color 148, 126, 192 looks on a white background.

Color Contrast Check

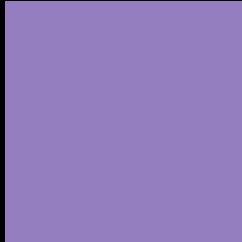
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 148, 126, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

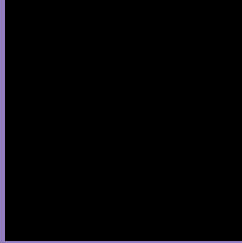
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 148, 126, 192 Background



This preview shows how black text looks on a background with the RYB color 148, 126, 192.

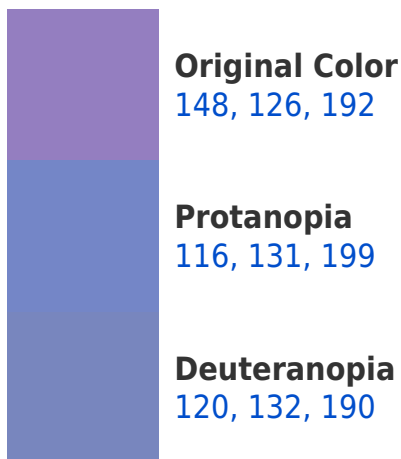


This preview shows how white text looks on a background with the RYB color 148, 126, 192.

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

140, 135, 146

Trichromacy



Original Color
148, 126, 192

Protanomaly
128, 132, 196

Deuteranomaly
130, 132, 191

Tritanomaly
143, 132, 163

Monochromacy



Original Color
148, 126, 192

Achromatopsia
140, 140, 140

Achromatomaly
143, 135, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 126, 192 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(148, 126, 192)` looks like.

```
.text, #text, p{  
    color:rgb(148, 126, 192)  
}
```

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(148, 126, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 126, 192) }
```

Border

The CSS property to change the border of an element to RYB 148, 126, 192 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(148, 126, 192) }
```

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

```
.border{ border-color:rgb(148, 126, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 126, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 126, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 126, 192);  
box-shadow:4px 4px 4px 4px rgb(148, 126,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 148, 126, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 126, 192) }
```

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

```
.background{ background-color: rgb(148,  
126, 192) }
```

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