

Converting Colors

`RYB(148, 127, 190)`

Have a look what the booklet for
RYB(148, 127, 190) contains.

RYB(148, 127, 190)	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, 127, 190)

Conversions

Conversions Part 1

Format	Color
Hex	947FBE
RGB	148, 127, 190
RGB Percent	58%, 50%, 75%
CMY	0.4196, 0.5020, 0.2549
CMYK	0.22, 0.33, 0.00, 0.25
HSL	260°, 33%, 62%
HSV	260°, 33%, 75%
XYZ	29.0964, 25.1923, 52.0443
YIQ	140.4610, -7.7070, 24.0450

Conversions

Conversions Part 2

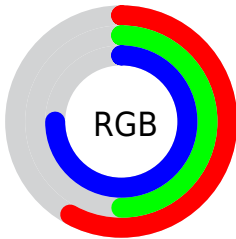
Format	Color
R_{YB}	148, 127, 190
Decimal	9732030
CIE _{Lab}	57.26, 21.19, -30.06
CIE _{LCh}	57, 36.781, 305.185
Yxy	25.1923, 0.2736, 0.2369
Android (android.graphics.Color)	4287922110 (0xFF947FBE)
YUV	140.4610, 24.4227, 6.6117
Hunter-Lab	50.1920, 15.6408, -26.3436

Details

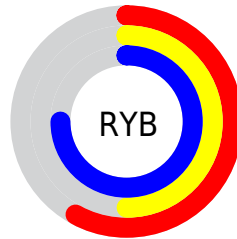
The RYB color **148, 127, 190** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 190, 148**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **203, 180, 247**, and **96, 78, 136** is the 20% darker color. If you saturate the color by 10%, you get **135, 108, 190**, and if you desaturate by 10%, it is **161, 146, 190**.

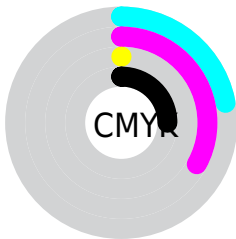
Distribution



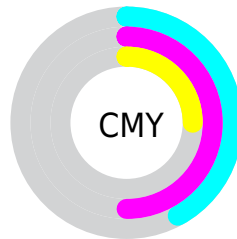
- Red (58%)
- Green (50%)
- Blue (75%)



- Red (58%)
- Yellow (50%)
- Blue (75%)



- Cyan (22%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 127, 190 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, 127, 190 by changing the saturation by 10% instead.


 148, 127, 190


255, 255, 255

 203, 180, 247

 231, 207, 255

 255, 236, 255

 148, 127, 190

 122, 102, 163

 96, 78, 136

 71, 55, 111

 47, 33, 86


 23, 12, 62

 0, 0, 40


 0, 1, 18


 0, 0, 0


 148, 127, 190


 148, 127, 190

 135, 108, 190

 161, 146, 190

 123, 89, 190

 173, 165, 190

 110, 70, 190


 186, 184, 190

 97, 51, 190


 190, 203, 194

 85, 32, 190

 190, 222, 201

 72, 13, 190

 190, 241, 207

 63, 0, 190

 190, 255, 208

 190, 255, 196

 190, 255, 190

Harmonies

Analogous

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



97, 127, 201



148, 127, 190



182, 116, 165

Triad

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



148, 127, 190



180, 165, 80



3, 82, 154

Complementary

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



148, 127, 190



127, 190, 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.



77, 130, 152



148, 127, 190



90, 152, 72

Square

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



148, 127, 190



196, 118, 102



84, 146, 112



0, 81, 173

Rectangle

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



148, 127, 190



195, 112, 144



84, 146, 112



40, 103, 154

Sweetspot

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



148, 127, 190



231, 223, 247



127, 152, 190



115, 110, 125



252, 252, 252



125, 125, 125

Same Dimension

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



148, 127, 190



181, 148, 247



180, 127, 190



88, 85, 94



53, 0, 158



10, 0, 31

Inverse Universe

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



190, 127, 169



247, 148, 214



127, 190, 179



94, 85, 91



158, 0, 105



31, 0, 20

Previews

White Background



This preview shows how the RYB color 148, 127, 190 looks on a white background.

Color Contrast Check

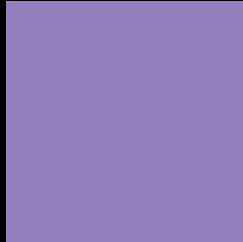
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

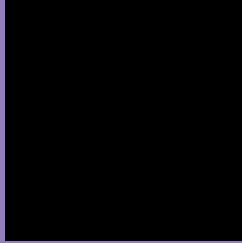
Any Text WCAG AA ✓ Pass

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, 127, 190 Background



This preview shows how black text looks on a background with the RYB color 148, 127, 190.



This preview shows how white text looks on a background with the RYB color 148, 127, 190.

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
148, 127, 190

Protanopia
118, 132, 197

Deuteranopia
122, 134, 188



Tritanopia

140, 136, 146

Trichromacy



Original Color
148, 127, 190

Protanomaly
129, 132, 194

Deuteranomaly
131, 133, 189

Tritanomaly
143, 133, 162

Monochromacy



Original Color
148, 127, 190

Achromatopsia
140, 140, 140

Achromatomaly
143, 135, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 127, 190 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, 127, 190)` looks like.

```
.text, #text, p{  
    color:rgb(148, 127, 190)  
}
```

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, 127, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 127, 190) }
```

Border

The CSS property to change the border of an element to RYB 148, 127, 190 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, 127, 190) }
```

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

```
.border{ border-color:rgb(148, 127, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 127, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 127, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 127, 190);  
box-shadow:4px 4px 4px 4px rgb(148, 127,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 148, 127, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 127, 190) }
```

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

```
.background{ background-color: rgb(148,  
127, 190) }
```

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