

Converting Colors

`RYB(148, 140, 185)`

Have a look what the booklet for RYB(148, 140, 185) contains.

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Color

R_YB(148, 140, 185)

Conversions

Conversions Part 1

Format	Color
Hex	948CB9
RGB	148, 140, 185
RGB Percent	58%, 55%, 73%
CMY	0.4196, 0.4510, 0.2745
CMYK	0.20, 0.24, 0.00, 0.27
HSL	251°, 24%, 64%
HSV	251°, 24%, 73%
XYZ	30.3478, 28.5548, 49.8111
YIQ	147.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

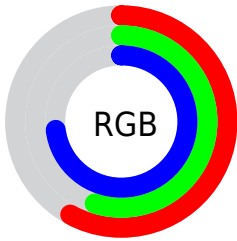
Format	Color
RYB	148, 140, 185
Decimal	9735353
CIELab	60.39, 12.49, -22.40
CIElCh	60, 25.651, 299.138
Yxy	28.5548, 0.2792, 0.2627
Android (android.graphics.Color)	4287925433 (0xFF948CB9)
YUV	147.5220, 18.4767, 0.4192
Hunter-Lab	53.4367, 7.8594, -17.8615

Details

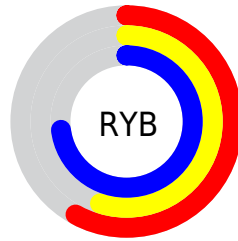
The RYB color **148, 140, 185** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **140, 185, 148**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **203, 194, 241**, and **97, 90, 132** is the 20% darker color. If you saturate the color by 10%, you get **133, 122, 185**, and if you desaturate by 10%, it is **163, 159, 185**.

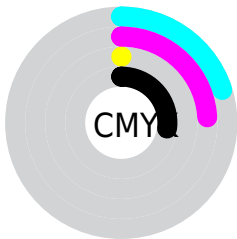
Distribution



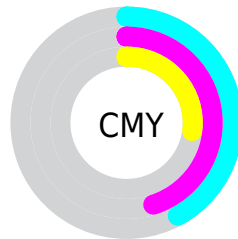
- Red (58%)
- Green (55%)
- Blue (73%)



- Red (58%)
- Yellow (55%)
- Blue (73%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (45%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 148, 140, 185 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, 140, 185 by changing the saturation by 10% instead.

 148, 140, 185


255, 255, 255

 203, 194, 241


 231, 221, 255

 255, 250, 255

 148, 140, 185

 122, 115, 158

 97, 90, 132

 72, 67, 106

 49, 44, 82


 26, 24, 59

 6, 0, 37

 0, 1, 14

 0, 0, 0

 148, 140, 185

 148, 140, 185

■ 133, 122, 185

■ 163, 159, 185

■ 118, 103, 185

■ 178, 177, 185

■ 102, 85, 185

■ 185, 196, 187

■ 87, 66, 185

■ 185, 214, 190

■ 72, 48, 185

■ 185, 233, 194

■ 57, 29, 185

■ 185, 251, 197

■ 42, 10, 185

■ 185, 255, 186

■ 33, 0, 185

■ 185, 255, 185

Harmonies

Analogous

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



116, 138, 190



148, 140, 185



174, 133, 169

Triad

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



148, 140, 185



181, 153, 108



88, 127, 158

Complementary

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



148, 140, 185



140, 185, 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.



112, 148, 156



148, 140, 185



125, 162, 100

Square

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



148, 140, 185



190, 130, 125



106, 151, 119



75, 119, 167

Rectangle

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



148, 140, 185



185, 130, 155



106, 151, 119



95, 133, 158

Sweetspot

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



148, 140, 185



226, 223, 240



140, 161, 185



112, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



148, 140, 185



183, 170, 240



170, 140, 185



84, 83, 92



28, 0, 156



5, 0, 28

Inverse Universe

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



185, 140, 177



240, 170, 227



140, 185, 170



92, 83, 90



156, 0, 128



28, 0, 23

Previews

White Background



This preview shows how the RYB color 148, 140, 185 looks on a white background.

Color Contrast Check

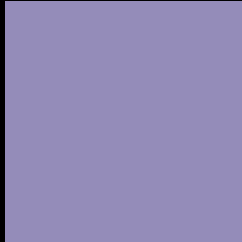
Large Text (above 18pt) WCAG AA ✓ Pass

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, 140, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

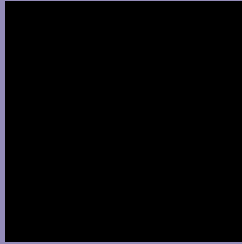
Any Text WCAG AA ✓ Pass

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, 140, 185 Background



This preview shows how black text looks on a background with the RYB color 148, 140, 185.



This preview shows how white text looks on a background with the RYB color 148, 140, 185.

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, 140, 185

Protanopia
134, 142, 188

Deuteranopia
139, 143, 184



Tritanopia

143, 145, 157

Trichromacy



Original Color

148, 140, 185

Protanomaly

139, 143, 187

Deuteranomaly

142, 142, 184

Tritanomaly

145, 143, 167

Monochromacy



Original Color

148, 140, 185

Achromatopsia

148, 148, 148

Achromatomaly

148, 145, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 140, 185 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, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 185)  
}
```

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, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 185) }
```

Border

The CSS property to change the border of an element to RYB 148, 140, 185 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, 140, 185) }
```

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

```
.border{ border-color:rgb(148, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 148, 140, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 185) }
```

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

```
.background{ background-color: rgb(148,  
140, 185) }
```

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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