

Converting Colors

`RYB(148, 132, 207)`

Have a look what the booklet for
RYB(148, 132, 207) contains.

RYB(148, 132, 207)	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, 132, 207)

Conversions

Conversions Part 1

Format	Color
Hex	9484CF
RGB	148, 132, 207
RGB Percent	58%, 52%, 81%
CMY	0.4196, 0.4824, 0.1882
CMYK	0.29, 0.36, 0.00, 0.19
HSL	253°, 44%, 66%
HSV	253°, 36%, 81%
XYZ	31.7265, 27.3034, 62.6294
YIQ	145.3340, -14.5390, 26.7170

Conversions

Conversions Part 2

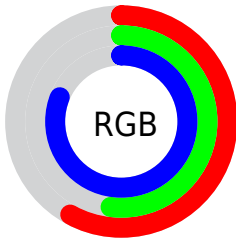
Format	Color
RYB	148, 132, 207
Decimal	9733327
CIELab	59.25, 22.47, -36.58
CIELCh	59, 42.931, 301.561
Yxy	27.3034, 0.2608, 0.2244
Android (android.graphics.Color)	4287923407 (0xFF9484CF)
YUV	145.3340, 30.4013, 2.3381
Hunter-Lab	52.2527, 16.9385, -34.4874

Details

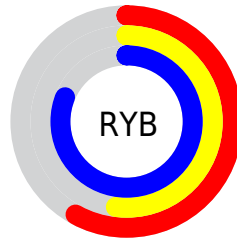
The RYB color **148, 132, 207** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **132, 207, 148**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **203, 185, 255**, and **95, 82, 152** is the 20% darker color. If you saturate the color by 10%, you get **132, 111, 207**, and if you desaturate by 10%, it is **164, 153, 207**.

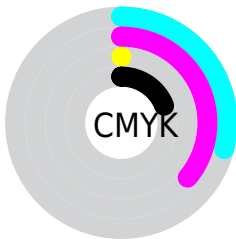
Distribution



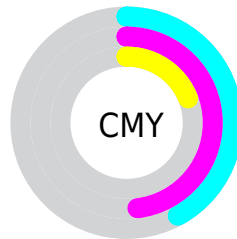
- Red (58%)
- Green (52%)
- Blue (81%)



- Red (58%)
- Yellow (52%)
- Blue (81%)



- Cyan (29%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (42%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 132, 207 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, 132, 207 by changing the saturation by 10% instead.


 148, 132, 207


255, 255, 255

 203, 185, 255

 232, 213, 255

 255, 241, 255

 148, 132, 207

 121, 107, 179

 95, 82, 152

 69, 59, 126

 44, 37, 101

 16, 17, 76

 0, 0, 53

 0, 2, 31

 0, 0, 2

 0, 0, 0

■ 148, 132, 207

■ 148, 132, 207

■ 132, 111, 207

■ 164, 153, 207

■ 115, 91, 207

■ 181, 173, 207

■ 99, 70, 207

■ 197, 194, 207

■ 83, 49, 207

■ 207, 215, 209

■ 67, 29, 207

■ 207, 236, 214

■ 50, 8, 207

■ 207, 255, 216

■ 44, 0, 207

■ 207, 255, 207

Harmonies

Analogous

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



80, 125, 218



148, 132, 207



191, 118, 179

Triad

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



148, 132, 207



194, 167, 77



0, 86, 162

Complementary

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



148, 132, 207



132, 207, 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.



76, 138, 159



148, 132, 207



93, 163, 65

Square

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



148, 132, 207



212, 116, 105



76, 152, 103



0, 85, 181

Rectangle

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



148, 132, 207



207, 112, 155



76, 152, 103



15, 97, 161

Sweetspot

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



148, 132, 207



233, 227, 255



132, 165, 207



114, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 132, 207



169, 145, 255



185, 132, 207



96, 94, 105



36, 0, 168



9, 0, 41

Inverse Universe

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



207, 132, 191



255, 145, 232



132, 207, 184



105, 94, 102



168, 0, 132



41, 0, 32

Previews

White Background



This preview shows how the RYB color 148, 132, 207 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, 132, 207 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](#).

RYP 148, 132, 207 Background



This preview shows how black text looks on a background with the RYB color 148, 132, 207.



This preview shows how white text looks on a background with the RYB color 148, 132, 207.

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](#).

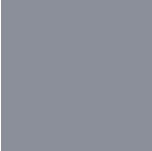
Dichromacy



Original Color
148, 132, 207

Protanopia
117, 136, 214

Deuteranopia
118, 136, 205



Tritanopia

138, 142, 154

Trichromacy



Original Color
148, 132, 207

Protanomaly
128, 136, 211

Deuteranomaly
129, 137, 206

Tritanomaly
142, 139, 173

Monochromacy



Original Color
148, 132, 207

Achromatopsia
145, 145, 145

Achromatomaly
146, 140, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 132, 207 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, 132, 207) looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 207)  
}
```

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, 132, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 207) }
```

Border

The CSS property to change the border of an element to RYB 148, 132, 207 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, 132, 207) }
```

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

```
.border{ border-color:rgb(148, 132, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 207);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 148, 132, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 207) }
```

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

```
.background{ background-color: rgb(148,  
132, 207) }
```

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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