

Converting Colors

`RYB(148, 89, 142)`

Have a look what the booklet for
RYB(148, 89, 142) contains.

RYB(148, 89, 142)	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

RYP(148, 89, 142)

Conversions

Conversions Part 1

Format	Color
Hex	94598E
RGB	148, 89, 142
RGB Percent	58%, 35%, 56%
CMY	0.4196, 0.6510, 0.4431
CMYK	0.00, 0.40, 0.04, 0.42
HSL	306°, 25%, 46%
HSV	306°, 40%, 58%
XYZ	20.6676, 15.3937, 27.4732
YIQ	112.6830, 18.1510, 28.9910

Conversions

Conversions Part 2

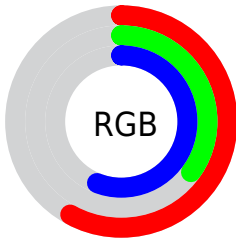
Format	Color
R _Y B	148, 89, 142
Decimal	9722254
CIE Lab	46.17, 32.70, -19.19
CIE LCh	46, 37.916, 329.589
Yxy	15.3937, 0.3253, 0.2423
Android (android.graphics.Color)	4287912334 (0xFF94598E)
YUV	112.6830, 14.4533, 30.9730
Hunter-Lab	39.2347, 25.3673, -14.0520

Details

The RYB color **148, 89, 142** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89, 143, 148**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **203, 140, 196**, and **96, 41, 92** is the 20% darker color. If you saturate the color by 10%, you get **148, 74, 140**, and if you desaturate by 10%, it is **148, 104, 144**.

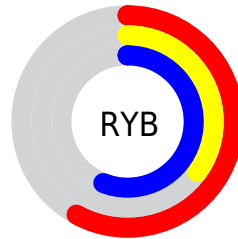
Distribution



Red (58%)

Green (35%)

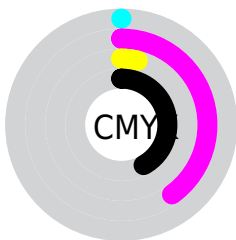
Blue (56%)



Red (58%)

Yellow (35%)

Blue (56%)

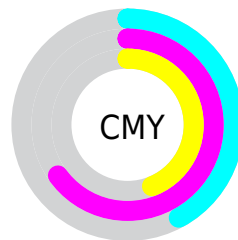


Cyan (0%)

Magenta (40%)

Yellow (4%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 89, 142 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, 89, 142 by changing the saturation by 10% instead.



148, 89, 142



148, 89, 142

255, 255, 255



122, 65, 116



203, 140, 196



96, 41, 92



232, 167, 224



71, 16, 68



255, 195, 253



47, 0, 45



255, 223, 255



23, 0, 25



255, 252, 255



0, 0, 0



148, 89, 142



148, 89, 142



148, 74, 140



148, 104, 144



148, 59, 139



148, 119, 145

■ 148, 45, 137

■ 148, 133, 147

■ 148, 30, 136

■ 148, 148, 148

■ 148, 15, 134

■ 148, 161, 163

■ 148, 0, 133

■ 148, 175, 178

■ 148, 189, 193

■ 148, 202, 207

■ 148, 215, 222

Harmonies

Analogous

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



110, 101, 165



148, 89, 142



167, 82, 111

Triad

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



148, 89, 142



71, 128, 43



0, 66, 140

Complementary

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



148, 89, 142



89, 143, 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.



0, 67, 125



148, 89, 142



52, 117, 73

Square

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



148, 89, 142



153, 125, 55



55, 107, 123



0, 70, 164

Rectangle

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



148, 89, 142



169, 83, 90



55, 107, 123



0, 64, 130

Sweetspot

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



148, 89, 142



191, 168, 189



95, 89, 148



97, 83, 96



224, 224, 224



97, 97, 97

Same Dimension

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



148, 89, 142



191, 99, 182



148, 89, 113



74, 67, 73



138, 0, 124



10, 0, 9

Inverse Universe

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



148, 89, 142



191, 99, 182



89, 126, 148



74, 67, 73



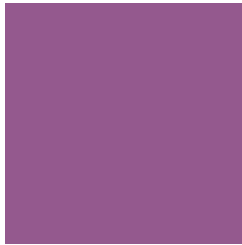
138, 0, 124



10, 0, 9

Previews

White Background



This preview shows how the RYB color 148, 89, 142 looks on a white background.

Color Contrast Check

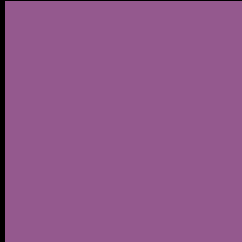
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 89, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

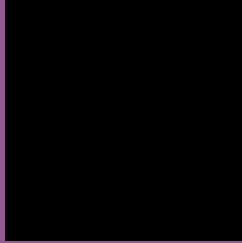
Any Text WCAG AA × Fail

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](#).

RYB 148, 89, 142 Background



This preview shows how black text looks on a background with the RYB color 148, 89, 142.

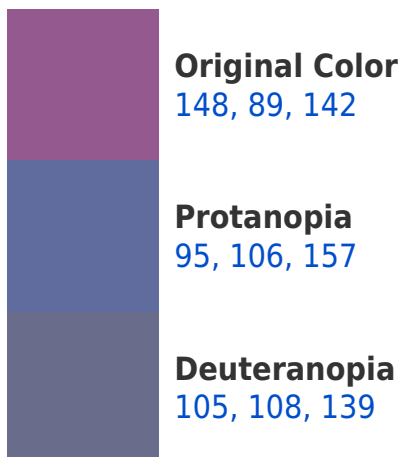


This preview shows how white text looks on a background with the RYB color 148, 89, 142.

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
143, 97, 104

Trichromacy



Original Color
148, 89, 142

Protanomaly
114, 101, 152

Deuteranomaly
121, 101, 140

Tritanomaly
145, 94, 118

Monochromacy



Original Color
148, 89, 142

Achromatopsia
113, 113, 113

Achromatomaly
126, 104, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 89, 142 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, 89, 142) looks like.

```
.text, #text, p{  
    color:rgb(148, 89, 142)  
}
```

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, 89, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 89, 142) }
```

Border

The CSS property to change the border of an element to RYB 148, 89, 142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

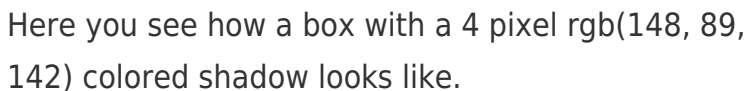
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 89, 142) }
```

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

```
.border{ border-color:rgb(148, 89, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 89, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 89, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 89, 142); box-shadow:4px 4px 4px 4px rgb(148, 89, 142) }
```

Background

The CSS property to change the background color of an element to RYB 148, 89, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 89, 142) }
```

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

```
.background{ background-color: rgb(148, 89,  
142) }
```

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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