

Converting Colors

`RYB(148, 88, 122)`

Have a look what the booklet for
RYB(148, 88, 122) contains.

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Color

RYB(148, 88, 122)

Conversions

Conversions Part 1

Format	Color
Hex	94587A
RGB	148, 88, 122
RGB Percent	58%, 35%, 48%
CMY	0.4196, 0.6549, 0.5216
CMYK	0.00, 0.41, 0.18, 0.42
HSL	326°, 25%, 46%
HSV	326°, 41%, 58%
XYZ	19.2153, 14.6805, 20.2332
YIQ	109.8160, 24.8460, 23.2940

Conversions

Conversions Part 2

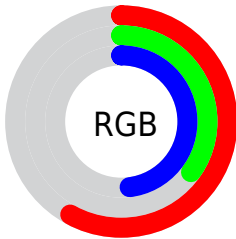
Format	Color
R_{YB}	148, 88, 122
Decimal	9721978
CIE _{Lab}	45.19, 29.69, -8.62
CIE _{LCh}	45, 30.916, 343.803
Yxy	14.6805, 0.3550, 0.2712
Android (android.graphics.Color)	4287912058 (0xFF94587A)
YUV	109.8160, 6.0067, 33.4874
Hunter-Lab	38.3151, 22.4676, -4.4889

Details

The RYB color **148, 88, 122** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88, 130, 148**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **203, 139, 174**, and **96, 40, 73** is the 20% darker color. If you saturate the color by 10%, you get **148, 73, 116**, and if you desaturate by 10%, it is **148, 103, 128**.

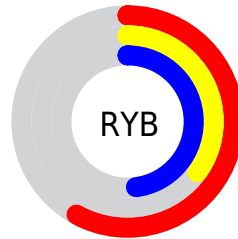
Distribution



Red (58%)

Green (35%)

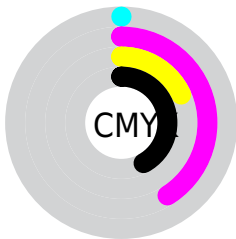
Blue (48%)



Red (58%)

Yellow (35%)

Blue (48%)

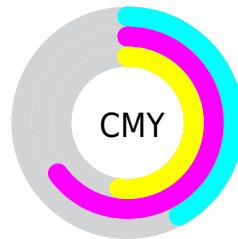


Cyan (0%)

Magenta (41%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 88, 122 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, 88, 122 by changing the saturation by 10% instead.



148, 88, 122



148, 88, 122

255, 255, 255



121, 64, 97



203, 139, 174



96, 40, 73



232, 166, 202



71, 16, 51



255, 193, 230



47, 0, 30



255, 221, 255



20, 0, 1



255, 250, 255



0, 0, 0



148, 88, 122



148, 88, 122



148, 73, 116



148, 103, 128



148, 58, 109



148, 118, 135

148, 44, 103

148, 132, 141

148, 29, 96

148, 147, 148

148, 14, 90

148, 158, 162

148, 0, 84

148, 169, 177

148, 179, 192

148, 189, 206

148, 199, 221

Harmonies

Analogous

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



125, 96, 144



148, 88, 122



157, 86, 96

Triad

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



148, 88, 122



58, 111, 56



0, 65, 142

Complementary

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



148, 88, 122



88, 130, 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, 61, 120



148, 88, 122



69, 116, 102

Square

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



148, 88, 122



117, 135, 57



47, 91, 119



34, 82, 156

Rectangle

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



148, 88, 122



154, 90, 80



47, 91, 119



0, 64, 135

Sweetspot

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



148, 88, 122



191, 168, 181



114, 88, 148



97, 83, 91



224, 224, 224



97, 97, 97

Same Dimension

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



148, 88, 122



191, 98, 151



148, 88, 92



74, 67, 71



138, 0, 78



10, 0, 6

Inverse Universe

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



148, 88, 122



191, 98, 151



88, 119, 148



74, 67, 71



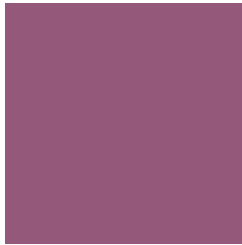
138, 0, 78



10, 0, 6

Previews

White Background



This preview shows how the RYB color 148, 88, 122 looks on a white background.

Color Contrast Check

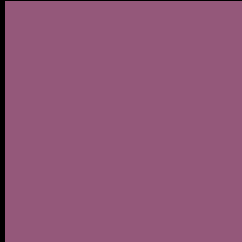
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

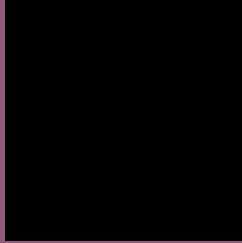
Any Text WCAG AA × Fail

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](#).

R Y B 148, 88, 122 Background



This preview shows how black text looks on a background with the R Y B color 148, 88, 122.



This preview shows how white text looks on a background with the R Y B color 148, 88, 122.

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, 88, 122

Protanopia

101, 105, 134

Deuteranopia

112, 104, 119



Tritanopia
146, 92, 99

Trichromacy



Original Color

148, 88, 122

Protanomaly

118, 99, 130

Deuteranomaly

125, 98, 120

Tritanomaly

147, 91, 107

Monochromacy



Original Color

148, 88, 122

Achromatopsia

110, 110, 110

Achromatomaly

124, 102, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 88, 122 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, 88, 122) looks like.

```
.text, #text, p{  
    color:rgb(148, 88, 122)  
}
```

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, 88, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 88, 122) }
```

Border

The CSS property to change the border of an element to RYB 148, 88, 122 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, 88, 122) }
```

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

```
.border{ border-color:rgb(148, 88, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 88, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 88, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 88, 122);  
box-shadow:4px 4px 4px 4px rgb(148, 88,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 148, 88, 122 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 88, 122) }
```

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

```
.background{ background-color: rgb(148, 88,  
122) }
```

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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