

Converting Colors

`RYB(142, 98, 144)`

Have a look what the booklet for
RYB(142, 98, 144) contains.

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Color

RYP(142, 98, 144)

Conversions

Conversions Part 1

Format	Color
Hex	8E6290
RGB	142, 98, 144
RGB Percent	56%, 38%, 56%
CMY	0.4431, 0.6157, 0.4353
CMYK	0.01, 0.32, 0.00, 0.44
HSL	297°, 19%, 47%
HSV	297°, 32%, 56%
XYZ	20.5571, 16.4998, 28.4869
YIQ	116.4000, 11.4580, 23.6340

Conversions

Conversions Part 2

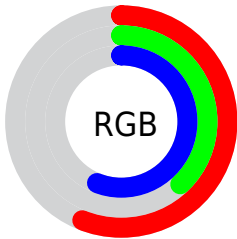
Format	Color
R_{YB}	142, 98, 144
Decimal	9331344
CIE _{Lab}	47.62, 25.89, -18.22
CIE _{LCh}	48, 31.660, 324.866
Yxy	16.4998, 0.3136, 0.2517
Android (android.graphics.Color)	4287521424 (0xFF8E6290)
YUV	116.4000, 13.6068, 22.4512
Hunter-Lab	40.6199, 19.2510, -13.1463

Details

The RYB color **142, 98, 144** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98, 144, 142**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **196, 149, 198**, and **91, 50, 93** is the 20% darker color. If you saturate the color by 10%, you get **141, 84, 144**, and if you desaturate by 10%, it is **143, 112, 144**.

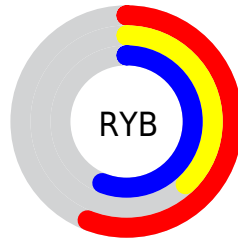
Distribution



Red (56%)

Green (38%)

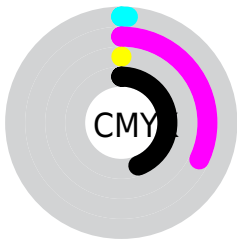
Blue (56%)



Red (56%)

Yellow (38%)

Blue (56%)

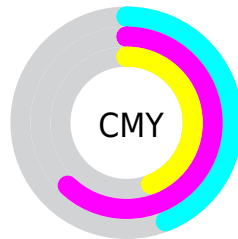


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 98, 144 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 142, 98, 144 by changing the saturation by 10% instead.



142, 98, 144



142, 98, 144

255, 255, 255



116, 74, 118



196, 149, 198



91, 50, 93



225, 176, 226



67, 28, 70



253, 204, 255



43, 5, 47



255, 232, 255



21, 0, 27



0, 0, 0



142, 98, 144



142, 98, 144



141, 84, 144



143, 112, 144



141, 69, 144



143, 127, 144

■ 140, 55, 144

■ 144, 141, 144

■ 139, 40, 144

■ 144, 156, 155

■ 139, 26, 144

■ 144, 170, 169

■ 138, 12, 144

■ 144, 184, 182

■ 138, 0, 144

■ 144, 199, 197

■ 144, 213, 210

■ 144, 228, 224

Harmonies

Analogous

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



109, 108, 161



142, 98, 144



161, 92, 119

Triad

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



142, 98, 144



94, 134, 59



0, 65, 135

Complementary

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



142, 98, 144



98, 144, 142

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.



34, 86, 127



142, 98, 144



63, 118, 74

Square

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



142, 98, 144



154, 117, 70



76, 119, 124



0, 69, 156

Rectangle

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



142, 98, 144



164, 92, 101



76, 119, 124



0, 64, 127

Sweetspot

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



142, 98, 144



185, 168, 186



98, 100, 144



94, 83, 94



222, 222, 222



94, 94, 94

Same Dimension

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



142, 98, 144



183, 115, 186



144, 98, 123



71, 64, 71



129, 0, 135



7, 0, 8

Inverse Universe

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



144, 98, 100



186, 115, 118



98, 130, 144



71, 64, 65



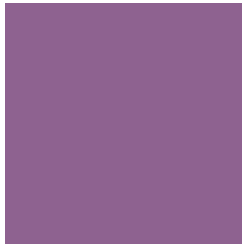
135, 0, 6



8, 0, 0

Previews

White Background



This preview shows how the RYB color 142, 98, 144 looks on a white background.

Color Contrast Check

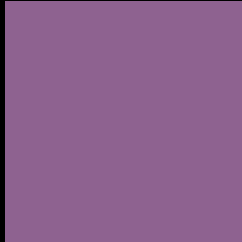
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 98, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

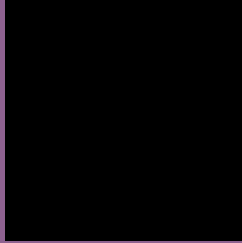
Any Text WCAG AA × Fail

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 142, 98, 144 Background



This preview shows how black text looks on a background with the RYB color 142, 98, 144.

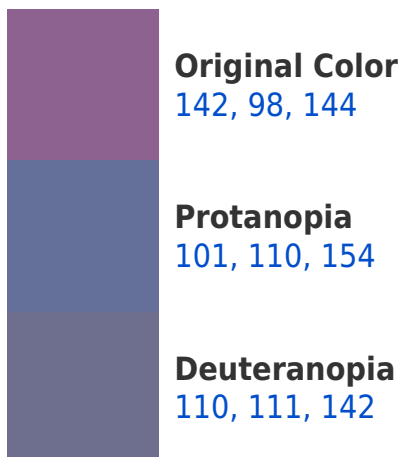



This preview shows how white text looks on a background with the RYB color 142, 98, 144.

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
138, 104, 112

Trichromacy



Original Color

142, 98, 144

Protanomaly

116, 107, 150

Deuteranomaly

122, 106, 143

Tritanomaly

139, 102, 124

Monochromacy



Original Color

142, 98, 144

Achromatopsia

116, 116, 116

Achromatomaly

125, 109, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 98, 144 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(142, 98, 144) looks like.

```
.text, #text, p{  
    color:rgb(142, 98, 144)  
}
```

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(142, 98, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 98, 144) }
```

Border

The CSS property to change the border of an element to RYB 142, 98, 144 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(142, 98, 144) }
```

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

```
.border{ border-color:rgb(142, 98, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 98, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 98, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 98, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 98,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 142, 98, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 98, 144) }
```

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

```
.background{ background-color: rgb(142, 98,  
144) }
```

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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