

Converting Colors

`RYB(142, 91, 137)`

Have a look what the booklet for
RYB(142, 91, 137) contains.

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Color

R_YB(142, 91, 137)

Conversions

Conversions Part 1

Format	Color
Hex	8E5B89
RGB	142, 91, 137
RGB Percent	56%, 36%, 54%
CMY	0.4431, 0.6431, 0.4627
CMYK	0.00, 0.36, 0.04, 0.44
HSL	306°, 22%, 46%
HSV	306°, 36%, 56%
XYZ	19.4118, 15.0391, 25.5466
YIQ	111.4930, 15.6300, 25.1180

Conversions

Conversions Part 2

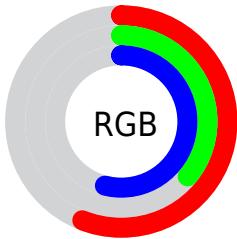
Format	Color
R_{YB}	142, 91, 137
Decimal	9329545
CIE _{Lab}	45.69, 28.56, -17.00
CIE _{LCh}	46, 33.231, 329.239
Yxy	15.0391, 0.3235, 0.2507
Android (android.graphics.Color)	4287519625 (0xFF8E5B89)
YUV	111.4930, 12.5750, 26.7546
Hunter-Lab	38.7803, 21.4841, -11.9113

Details

The RYB color **142, 91, 137** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **91, 137, 142**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **197, 142, 190**, and **91, 43, 87** is the 20% darker color. If you saturate the color by 10%, you get **142, 77, 136**, and if you desaturate by 10%, it is **142, 105, 138**.

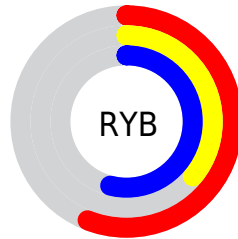
Distribution



Red (56%)

Green (36%)

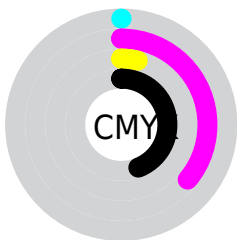
Blue (54%)



Red (56%)

Yellow (36%)

Blue (54%)

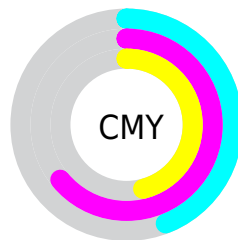


Cyan (0%)

Magenta (36%)

Yellow (4%)

Black (44%)



Cyan (44%)

Magenta (64%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 91, 137 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, 91, 137 by changing the saturation by 10% instead.



142, 91, 137



142, 91, 137

255, 255, 255



116, 67, 112



197, 142, 190



91, 43, 87



225, 169, 218



66, 20, 64



254, 196, 247



43, 0, 41



255, 225, 255



14, 0, 20



255, 253, 255



0, 0, 0



142, 91, 137



142, 91, 137



142, 77, 136



142, 105, 138



142, 63, 134



142, 119, 140

■ 142, 48, 133

■ 142, 134, 141

■ 142, 34, 131

■ 142, 147, 148

■ 142, 20, 130

■ 142, 160, 162

■ 142, 6, 129

■ 142, 173, 176

■ 142, 0, 128

■ 142, 185, 190

■ 142, 200, 205

■ 142, 212, 219

Harmonies

Analogous

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



109, 101, 157



142, 91, 137



159, 85, 110

Triad

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



142, 91, 137



78, 126, 51



0, 64, 134

Complementary

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



142, 91, 137



91, 137, 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.



0, 65, 122



142, 91, 137



58, 115, 75

Square

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



142, 91, 137



148, 120, 61



63, 108, 120



0, 67, 155

Rectangle

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



142, 91, 137



161, 86, 91



63, 108, 120



0, 62, 126

Sweetspot

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



142, 91, 137



184, 163, 182



95, 91, 142



92, 80, 91



219, 219, 219



92, 92, 92

Same Dimension

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



142, 91, 137



184, 105, 176



142, 91, 112



71, 64, 71



135, 0, 122



8, 0, 7

Inverse Universe

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



142, 91, 137



184, 105, 176



91, 123, 142



71, 64, 71



135, 0, 122



8, 0, 7

Previews

White Background



This preview shows how the RYB color 142, 91, 137 looks on a white background.

Color Contrast Check

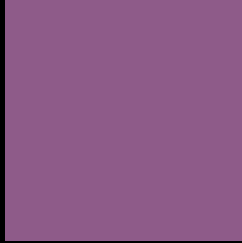
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

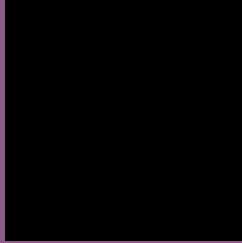
Any Text WCAG AA × Fail

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, 91, 137 Background



This preview shows how black text looks on a background with the RYB color 142, 91, 137.

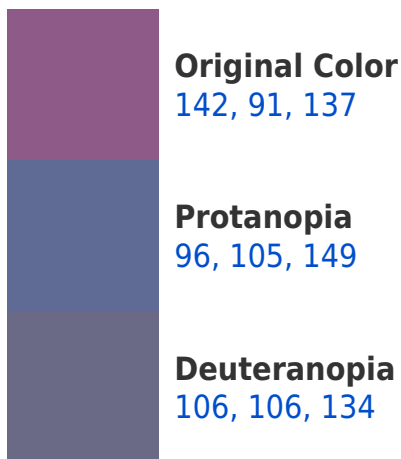


This preview shows how white text looks on a background with the RYB color 142, 91, 137.

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, 97, 105

Trichromacy



Original Color

142, 91, 137

Protanomaly

113, 101, 145

Deuteranomaly

119, 101, 135

Tritanomaly

139, 95, 117

Monochromacy



Original Color

142, 91, 137

Achromatopsia

111, 111, 111

Achromatomaly

122, 104, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 91, 137 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, 91, 137) looks like.

```
.text, #text, p{  
    color:rgb(142, 91, 137)  
}
```

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, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 91, 137) }
```

Border

The CSS property to change the border of an element to RYB 142, 91, 137 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, 91, 137) }
```

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

```
.border{ border-color:rgb(142, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 91, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 91, 137); box-shadow:4px 4px 4px 4px rgb(142, 91, 137) }
```

Background

The CSS property to change the background color of an element to RGB 142, 91, 137 is called "background".

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

```
.background, #background, body{  
background: rgb(142, 91, 137) }
```

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

```
.background{ background-color: rgb(142, 91,  
137) }
```

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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