

Converting Colors

`RYB(232, 91, 130)`

Have a look what the booklet for
RYB(232, 91, 130) contains.

RYB(232, 91, 130)	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

`RYB(232, 91, 130)`

Conversions

Conversions Part 1

Format	Color
Hex	E85B82
RGB	232, 91, 130
RGB Percent	91%, 36%, 51%
CMY	0.0902, 0.6431, 0.4902
CMYK	0.00, 0.61, 0.44, 0.09
HSL	343°, 75%, 63%
HSV	343°, 61%, 91%
XYZ	41.0491, 26.2497, 24.0223
YIQ	137.6050, 71.5170, 42.0210

Conversions

Conversions Part 2

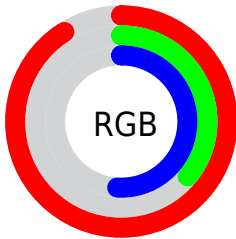
Format	Color
R_{YB}	232, 91, 130
Decimal	15227778
CIE Lab	58.27, 57.80, 7.21
CIE LCh	58, 58.246, 7.108
Yxy	26.2497, 0.4495, 0.2874
Android (android.graphics.Color)	4293417858 (0xFFE85B82)
YUV	137.6050, -3.7493, 82.7844
Hunter-Lab	51.2344, 53.3540, 8.0648

Details

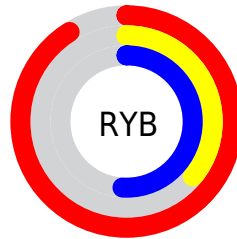
The RYB color **232, 91, 130** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **91, 173, 232**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 147, 183**, and **172, 30, 81** is the 20% darker color. If you saturate the color by 10%, you get **232, 68, 113**, and if you desaturate by 10%, it is **232, 114, 147**.

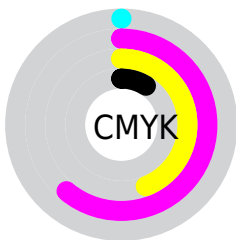
Distribution



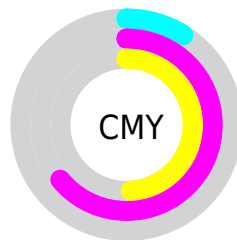
- Red (91%)
- Green (36%)
- Blue (51%)



- Red (91%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (61%)
- Yellow (44%)
- Black (9%)



















- Cyan (9%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 91, 130 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 232, 91, 130 by changing the saturation by 10% instead.

 232, 91, 130	 232, 91, 130
 255, 255, 255	 202, 62, 105
 255, 147, 183	 172, 30, 81
 255, 175, 210	 142, 0, 58
 255, 204, 239	 113, 0, 37
 255, 233, 255	 84, 0, 16
	 58, 0, 2
	 17, 0, 0
	 0, 0, 0

 232, 91, 130	 232, 91, 130
--	--

■ 232, 68, 113

■ 232, 114, 147

■ 232, 45, 96

■ 232, 137, 164

■ 232, 21, 80

■ 232, 161, 180

■ 232, 0, 64

■ 232, 184, 197

■ 232, 207, 214

■ 232, 230, 231

■ 232, 244, 253

■ 232, 244, 255

Harmonies

Analogous

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



211, 100, 181



232, 91, 130



225, 106, 81

Triad

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



232, 91, 130



52, 154, 105



0, 94, 234

Complementary

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



232, 91, 130



91, 173, 232

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, 90, 200



232, 91, 130



0, 101, 162

Square

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



232, 91, 130



38, 155, 24



0, 85, 164



44, 110, 242

Rectangle

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



232, 91, 130



209, 159, 53



0, 85, 164



0, 93, 225

Sweetspot

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



232, 91, 130



255, 209, 222



192, 91, 232



128, 99, 107



0, 0, 0



128, 128, 128

Same Dimension

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



232, 91, 130



255, 69, 120



232, 131, 91



115, 103, 106



179, 0, 49



51, 0, 14

Inverse Universe

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



232, 91, 130



255, 69, 120



91, 153, 232



115, 103, 106



179, 0, 49



51, 0, 14

Previews

White Background



This preview shows how the RYB color 232, 91, 130 looks on a white background.

Color Contrast Check

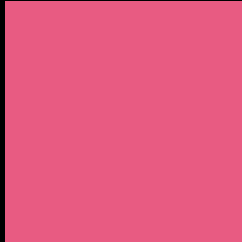
Large Text (above 18pt) WCAG AA ✓ Pass

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 232, 91, 130 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](#).

RYB 232, 91, 130 Background



This preview shows how black text looks on a background with the RYB color 232, 91, 130.



This preview shows how white text looks on a background with the RYB color 232, 91, 130.

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
232, 91, 130

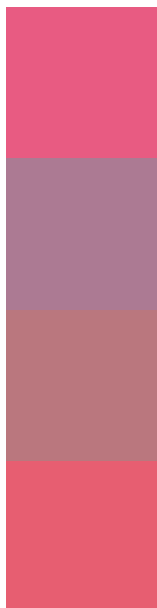
Protanopia
138, 140, 157

Deuteranopia
160, 141, 123



Tritanopia
230, 96, 103

Trichromacy



Original Color

232, 91, 130

Protanomaly

172, 122, 147

Deuteranomaly

186, 119, 126

Tritanomaly

231, 94, 113

Monochromacy



Original Color

232, 91, 130

Achromatopsia

138, 138, 138

Achromatomaly

172, 121, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 91, 130 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(232, 91, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 91, 130)  
}
```

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(232, 91, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 91, 130) }
```

Border

The CSS property to change the border of an element to RYB 232, 91, 130 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(232, 91, 130) }
```

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

```
.border{ border-color:rgb(232, 91, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 91, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 91, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 91, 130); box-shadow:4px 4px 4px 4px rgb(232, 91, 130) }
```

Background

The CSS property to change the background color of an element to RGB 232, 91, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 91, 130) }
```

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

```
.background{ background-color: rgb(232, 91,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor