

Converting Colors

`RYB(230, 142, 163)`

Have a look what the booklet for
RYB(230, 142, 163) contains.

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Color

R_YB(230, 142, 163)

Conversions

Conversions Part 1

Format	Color
Hex	E68EA3
RGB	230, 142, 163
RGB Percent	90%, 56%, 64%
CMY	0.0980, 0.4431, 0.3608
CMYK	0.00, 0.38, 0.29, 0.10
HSL	346°, 64%, 73%
HSV	346°, 38%, 90%
XYZ	48.9170, 38.8133, 39.5638
YIQ	170.7060, 45.7070, 25.1870

Conversions

Conversions Part 2

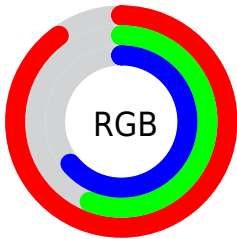
Format	Color
R_{YB}	230, 142, 163
Decimal	15109795
CIE _{Lab}	68.62, 35.97, 3.17
CIE _{LCh}	69, 36.108, 5.040
Yxy	38.8133, 0.3843, 0.3049
Android (android.graphics.Color)	4293299875 (0xFFE68EA3)
YUV	170.7060, -3.7991, 52.0008
Hunter-Lab	62.3004, 31.1290, 5.9581

Details

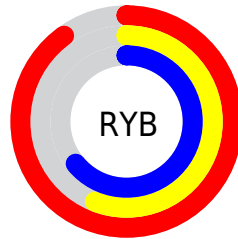
The RYB color **230, 142, 163** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **142, 192, 230**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 197, 218**, and **172, 90, 111** is the 20% darker color. If you saturate the color by 10%, you get **230, 119, 145**, and if you desaturate by 10%, it is **230, 165, 181**.

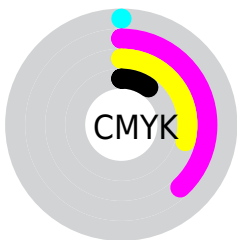
Distribution



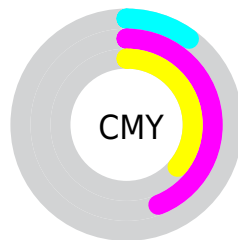
- Red (90%)
- Green (56%)
- Blue (64%)



- Red (90%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (38%)
- Yellow (29%)
- Black (10%)




- Cyan (10%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 142, 163 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 230, 142, 163 by changing the saturation by 10% instead.

 230, 142, 163

 230, 142, 163

255, 255, 255

 201, 116, 137

 255, 197, 218


 172, 90, 111

 255, 225, 246

 144, 65, 87

255, 254, 255

 117, 40, 64

 90, 13, 42

 64, 0, 22

 43, 0, 1

 0, 0, 0

 230, 142, 163

 230, 142, 163

■ 230, 119, 145

■ 230, 165, 181

■ 230, 96, 128

■ 230, 188, 198

■ 230, 73, 110

■ 230, 211, 216

■ 230, 50, 93

■ 230, 232, 234

■ 230, 27, 75

■ 230, 244, 255

■ 230, 4, 58

■ 230, 243, 255

■ 230, 0, 55

Harmonies

Analogous

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



213, 146, 196



230, 142, 163



229, 149, 131

Triad

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



230, 142, 163



113, 177, 141



74, 136, 226

Complementary

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



230, 142, 163



142, 192, 230

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.



35, 114, 204



230, 142, 163



109, 162, 183

Square

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



230, 142, 163



123, 184, 102



66, 129, 185



130, 158, 232

Rectangle

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



230, 142, 163



219, 172, 115



66, 129, 185



56, 127, 220

Sweetspot

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



230, 142, 163



255, 227, 234



208, 142, 230



128, 111, 115



0, 0, 0



128, 128, 128

Same Dimension

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



230, 142, 163



255, 138, 166



230, 171, 142



115, 103, 106



179, 0, 43



51, 0, 12

Inverse Universe

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



230, 142, 163



255, 138, 166



142, 180, 230



115, 103, 106



179, 0, 43



51, 0, 12

Previews

White Background



This preview shows how the RYB color 230, 142, 163 looks on a white background.

Color Contrast Check

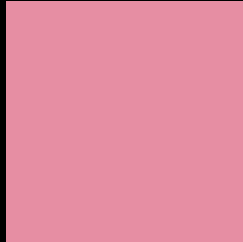
Large Text (above 18pt) WCAG AA × Fail

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 230, 142, 163 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 230, 142, 163 Background



This preview shows how black text looks on a background with the RYB color 230, 142, 163.



This preview shows how white text looks on a background with the RYB color 230, 142, 163.

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
230, 142, 163

Protanopia
168, 167, 177

Deuteranopia
187, 162, 159



Tritanopia
229, 143, 154

Trichromacy



Original Color

230, 142, 163



Protanomaly

191, 158, 172



Deuteranomaly

203, 155, 160



Tritanomaly

229, 143, 157

Monochromacy



Original Color

230, 142, 163



Achromatopsia

171, 171, 171



Achromatomaly

192, 160, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 142, 163 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(230, 142, 163) looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 163)  
}
```

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(230, 142, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 163) }
```

Border

The CSS property to change the border of an element to RYB 230, 142, 163 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(230, 142, 163) }
```

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

```
.border{ border-color:rgb(230, 142, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 142, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 163);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 230, 142, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 163) }
```

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

```
.background{ background-color: rgb(230,  
142, 163) }
```

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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