

Converting Colors

`RYB(230, 158, 188)`

Have a look what the booklet for
RYB(230, 158, 188) contains.

RYB(230, 158, 188)	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(230, 158, 188)`

Conversions

Conversions Part 1

Format	Color
Hex	E69EBC
RGB	230, 158, 188
RGB Percent	90%, 62%, 74%
CMY	0.0980, 0.3804, 0.2627
CMYK	0.00, 0.31, 0.18, 0.10
HSL	335°, 59%, 76%
HSV	335°, 31%, 90%
XYZ	53.9371, 44.9076, 53.4022
YIQ	182.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

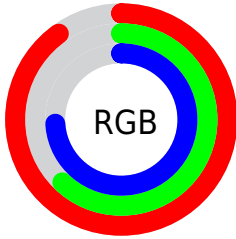
Format	Color
R _Y B	230, 158, 188
Decimal	15113916
CIE Lab	72.83, 31.06, -4.57
CIE LCh	73, 31.397, 351.637
Yxy	44.9076, 0.3543, 0.2950
Android (android.graphics.Color)	4293303996 (0xFFE69EBC)
YUV	182.9480, 2.4906, 41.2646
Hunter-Lab	67.0131, 26.3971, -0.3385

Details

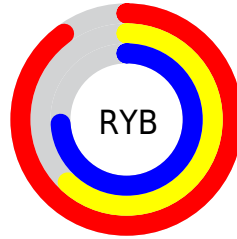
The RYB color **230, 158, 188** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **158, 203, 230**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 213, 244**, and **173, 106, 135** is the 20% darker color. If you saturate the color by 10%, you get **230, 135, 175**, and if you desaturate by 10%, it is **230, 181, 201**.

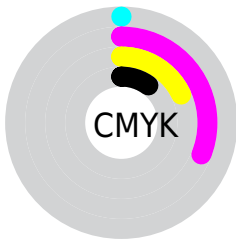
Distribution



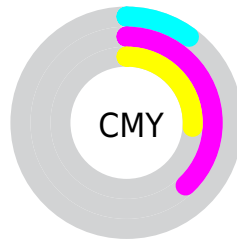
- Red (90%)
- Green (62%)
- Blue (74%)



- Red (90%)
- Yellow (62%)
- Blue (74%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 158, 188 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, 158, 188 by changing the saturation by 10% instead.

 230, 158, 188

 230, 158, 188


255, 255, 255

 201, 131, 161

 255, 213, 244

 173, 106, 135

 255, 242, 255

 146, 81, 110

 119, 56, 85

 93, 33, 62

 68, 7, 40

 45, 0, 20

 0, 0, 0

 230, 158, 188

 230, 158, 188

■ 230, 135, 175

■ 230, 181, 201

■ 230, 112, 161

■ 230, 204, 215

■ 230, 89, 148

■ 230, 227, 228

■ 230, 66, 134

■ 230, 243, 250

■ 230, 43, 121

■ 230, 243, 255

■ 230, 20, 107

■ 230, 0, 96

Harmonies

Analogous

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



208, 164, 215



230, 158, 188



236, 158, 159

Triad

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



230, 158, 188



125, 183, 131



94, 149, 223

Complementary

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



230, 158, 188



158, 203, 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.



88, 142, 199



230, 158, 188



142, 190, 188

Square

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



230, 158, 188



174, 206, 122



111, 160, 194



129, 165, 235

Rectangle

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



230, 158, 188



232, 168, 142



111, 160, 194



87, 145, 216

Sweetspot

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



230, 158, 188



255, 232, 242



200, 158, 230



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



230, 158, 188



255, 158, 198



230, 165, 158



115, 103, 108



179, 0, 74



51, 0, 21

Inverse Universe

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



230, 158, 188



255, 158, 198



158, 192, 230



115, 103, 108



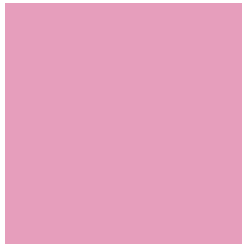
179, 0, 74



51, 0, 21

Previews

White Background



This preview shows how the RYB color 230, 158, 188 looks on a white background.

Color Contrast Check

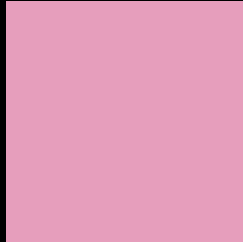
Large Text (above 18pt) WCAG AA × Fail

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, 158, 188 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, 158, 188 Background



This preview shows how black text looks on a background with the RYB color 230, 158, 188.

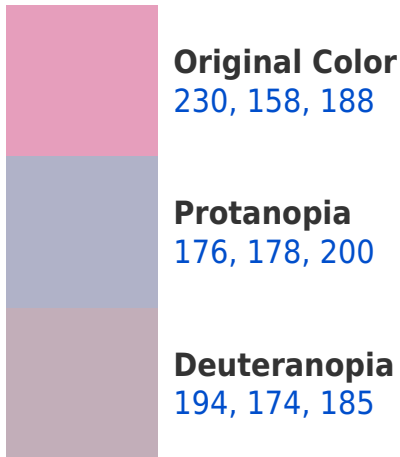



This preview shows how white text looks on a background with the RYB color 230, 158, 188.

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
228, 161, 173

Trichromacy



Original Color
230, 158, 188

Protanomaly
196, 171, 196

Deuteranomaly
207, 168, 186

Tritanomaly
229, 160, 178

Monochromacy



Original Color
230, 158, 188

Achromatopsia
183, 183, 183

Achromatomaly
200, 174, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 158, 188 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, 158, 188) looks like.

```
.text, #text, p{  
    color:rgb(230, 158, 188)  
}
```

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, 158, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 158, 188) }
```

Border

The CSS property to change the border of an element to RYB 230, 158, 188 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, 158, 188) }
```

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

```
.border{ border-color:rgb(230, 158, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 158, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 158, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 158, 188);  
box-shadow:4px 4px 4px 4px rgb(230, 158,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 230, 158, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 158, 188) }
```

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

```
.background{ background-color: rgb(230,  
158, 188) }
```

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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