

Converting Colors

`RYB(229, 140, 186)`

Have a look what the booklet for
RYB(229, 140, 186) contains.

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Color

RYB(229, 140, 186)

Conversions

Conversions Part 1

Format	Color
Hex	E58CBA
RGB	229, 140, 186
RGB Percent	90%, 55%, 73%
CMY	0.1020, 0.4510, 0.2706
CMYK	0.00, 0.39, 0.19, 0.10
HSL	329°, 63%, 72%
HSV	329°, 39%, 90%
XYZ	50.5541, 38.9594, 51.3098
YIQ	171.8550, 38.2780, 33.1740

Conversions

Conversions Part 2

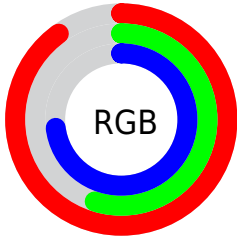
Format	Color
R _Y B	229, 140, 186
Decimal	15043770
CIE Lab	68.72, 39.93, -9.56
CIE LCh	69, 41.062, 346.531
Yxy	38.9594, 0.3590, 0.2767
Android (android.graphics.Color)	4293233850 (0xFFE58CBA)
YUV	171.8550, 6.9735, 50.1162
Hunter-Lab	62.4174, 35.3430, -5.0467

Details

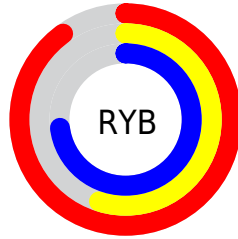
The RYB color **229, 140, 186** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **140, 200, 229**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 195, 242**, and **172, 88, 133** is the 20% darker color. If you saturate the color by 10%, you get **229, 117, 175**, and if you desaturate by 10%, it is **229, 163, 197**.

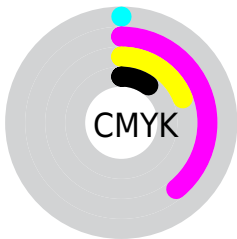
Distribution



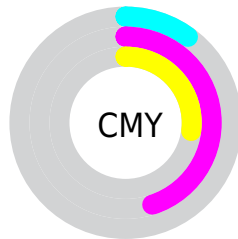
- Red (90%)
- Green (55%)
- Blue (73%)



- Red (90%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 140, 186 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 229, 140, 186 by changing the saturation by 10% instead.

 229, 140, 186

255, 255, 255

 255, 195, 242

 255, 223, 255

 255, 252, 255

 229, 140, 186

 200, 114, 159

 172, 88, 133

 144, 62, 108

 117, 37, 83

 91, 7, 60

 65, 0, 38

 43, 0, 18

 0, 0, 0

 229, 140, 186

 229, 140, 186

■ 229, 117, 175

■ 229, 163, 197

■ 229, 94, 164

■ 229, 186, 208

■ 229, 71, 153

■ 229, 209, 219

■ 229, 48, 142

■ 229, 231, 232

■ 229, 26, 131

■ 229, 247, 255

■ 229, 3, 120

■ 229, 243, 255

■ 229, 0, 118

■ 229, 242, 255

Harmonies

Analogous

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



197, 150, 219



229, 140, 186



240, 139, 148

Triad

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



229, 140, 186



95, 172, 96



0, 100, 220

Complementary

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



229, 140, 186



140, 200, 229

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, 94, 188



229, 140, 186



115, 181, 167

Square

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



229, 140, 186



174, 206, 95



78, 143, 186



76, 138, 239

Rectangle

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



229, 140, 186



235, 147, 125



78, 143, 186



0, 99, 211

Sweetspot

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



229, 140, 186



255, 224, 240



182, 140, 229



128, 110, 119



0, 0, 0



128, 128, 128

Same Dimension

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



229, 140, 186



255, 135, 197



229, 140, 143



115, 103, 109



179, 0, 92



51, 0, 26

Inverse Universe

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



229, 140, 186



255, 135, 197



140, 185, 229



115, 103, 109



179, 0, 92



51, 0, 26

Previews

White Background



This preview shows how the RYB color 229, 140, 186 looks on a white background.

Color Contrast Check

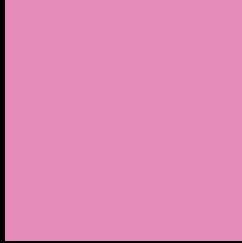
Large Text (above 18pt) WCAG AA × Fail

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 229, 140, 186 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 229, 140, 186 Background



This preview shows how black text looks on a background with the RYB color 229, 140, 186.



This preview shows how white text looks on a background with the RYB color 229, 140, 186.

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
229, 140, 186

Protanopia
160, 166, 203

Deuteranopia
178, 163, 182



Tritanopia
226, 145, 156

Trichromacy



Original Color

229, 140, 186



Protanomaly

185, 157, 197



Deuteranomaly

197, 155, 183



Tritanomaly

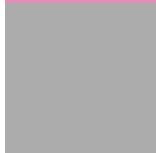
227, 143, 167

Monochromacy



Original Color

229, 140, 186



Achromatopsia

172, 172, 172



Achromatomaly

193, 160, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 140, 186 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(229, 140, 186) looks like.

```
.text, #text, p{  
    color:rgb(229, 140, 186)  
}
```

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(229, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 140, 186) }
```

Border

The CSS property to change the border of an element to RYB 229, 140, 186 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(229, 140, 186) }
```

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

```
.border{ border-color:rgb(229, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 140, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 140, 186); box-shadow:4px 4px 4px 4px rgb(229, 140, 186) }
```

Background

The CSS property to change the background color of an element to RYB 229, 140, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 140, 186) }
```

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

```
.background{ background-color: rgb(229,  
140, 186) }
```

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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