

Converting Colors

`RYB(229, 128, 174)`

Have a look what the booklet for
RYB(229, 128, 174) contains.

RYB(229, 128, 174)	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

R_YB(229, 128, 174)

Conversions

Conversions Part 1

Format	Color
Hex	E580AE
RGB	229, 128, 174
RGB Percent	90%, 50%, 68%
CMY	0.1020, 0.4980, 0.3176
CMYK	0.00, 0.44, 0.24, 0.10
HSL	333°, 66%, 70%
HSV	333°, 44%, 90%
XYZ	47.6723, 35.1523, 44.3169
YIQ	163.4430, 45.4300, 35.7180

Conversions

Conversions Part 2

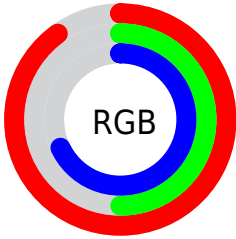
Format	Color
R _Y B	229, 128, 174
Decimal	15040686
CIE Lab	65.87, 44.39, -7.07
CIE LCh	66, 44.948, 350.953
Yxy	35.1523, 0.3750, 0.2765
Android (android.graphics.Color)	4293230766 (0xFFE580AE)
YUV	163.4430, 5.2046, 57.4935
Hunter-Lab	59.2894, 39.7682, -2.8147

Details

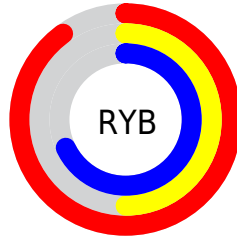
The RYB color **229, 128, 174** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **128, 193, 229**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 183, 229**, and **171, 75, 122** is the 20% darker color. If you saturate the color by 10%, you get **229, 105, 162**, and if you desaturate by 10%, it is **229, 151, 186**.

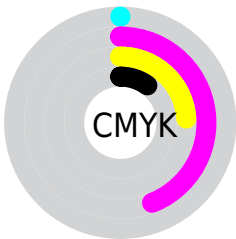
Distribution



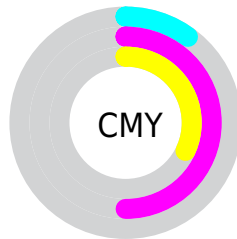
- Red (90%)
- Green (50%)
- Blue (68%)



- Red (90%)
- Yellow (50%)
- Blue (68%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 128, 174 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, 128, 174 by changing the saturation by 10% instead.

 229, 128, 174


255, 255, 255


 255, 183, 229

 255, 211, 255

 255, 240, 255

 229, 128, 174

 200, 101, 147

 171, 75, 122

 143, 49, 97

 116, 21, 73

 89, 0, 51

 63, 0, 30

 40, 0, 1

 0, 0, 0

 229, 128, 174

 229, 128, 174

■ 229, 105, 162

■ 229, 151, 186

■ 229, 82, 149

■ 229, 174, 199

■ 229, 59, 137

■ 229, 197, 211

■ 229, 36, 124

■ 229, 220, 224

■ 229, 13, 112

■ 229, 238, 243

■ 229, 0, 104

■ 229, 244, 255

■ 229, 242, 255

Harmonies

Analogous

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



198, 139, 211



229, 128, 174



237, 128, 133

Triad

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



229, 128, 174



82, 166, 91



0, 98, 222

Complementary

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



229, 128, 174



128, 193, 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, 92, 188



229, 128, 174



108, 175, 174

Square

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



229, 128, 174



142, 195, 79



38, 119, 180



60, 127, 239

Rectangle

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



229, 128, 174



230, 142, 109



38, 119, 180



0, 97, 212

Sweetspot

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



229, 128, 174



255, 222, 237



182, 128, 229



128, 107, 116



0, 0, 0



128, 128, 128

Same Dimension

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



229, 128, 174



255, 120, 181



229, 131, 128



115, 103, 109



179, 0, 81



51, 0, 23

Inverse Universe

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



229, 128, 174



255, 120, 181



128, 178, 229



115, 103, 109



179, 0, 81



51, 0, 23

Previews

White Background



This preview shows how the RYB color 229, 128, 174 looks on a white background.

Color Contrast Check

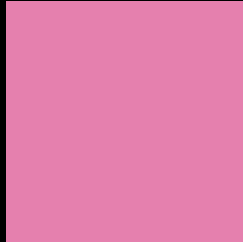
Large Text (above 18pt) WCAG AA × Fail

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, 128, 174 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, 128, 174 Background



This preview shows how black text looks on a background with the RYB color 229, 128, 174.

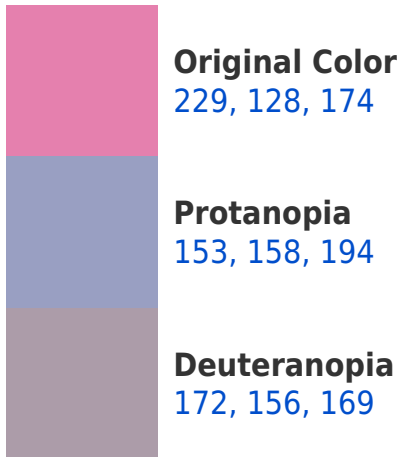


This preview shows how white text looks on a background with the RYB color 229, 128, 174.

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
226, 134, 144

Trichromacy



Original Color

229, 128, 174



Protanomaly

181, 148, 187



Deuteranomaly

193, 146, 171



Tritanomaly

227, 132, 155

Monochromacy



Original Color

229, 128, 174



Achromatopsia

163, 163, 163



Achromatomaly

187, 150, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 128, 174 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, 128, 174) looks like.

```
.text, #text, p{  
    color:rgb(229, 128, 174)  
}
```

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, 128, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 128, 174) }
```

Border

The CSS property to change the border of an element to RYB 229, 128, 174 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, 128, 174) }
```

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

```
.border{ border-color:rgb(229, 128, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 128, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 128, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 128, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 128,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 229, 128, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 128, 174) }
```

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

```
.background{ background-color: rgb(229,  
128, 174) }
```

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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