

Converting Colors

`RYB(228, 149, 187)`

Have a look what the booklet for RYB(228, 149, 187) contains.

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Color

R_YB(228, 149, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E495BB
RGB	228, 149, 187
RGB Percent	89%, 58%, 73%
CMY	0.1059, 0.4157, 0.2667
CMYK	0.00, 0.35, 0.18, 0.11
HSL	331°, 59%, 74%
HSV	331°, 35%, 89%
XYZ	51.7120, 41.5767, 52.3133
YIQ	176.9530, 34.8860, 28.5660

Conversions

Conversions Part 2

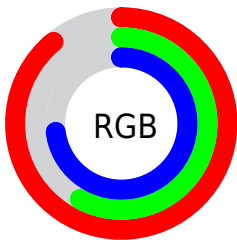
Format	Color
R _Y B	228, 149, 187
Decimal	14980539
CIE Lab	70.58, 35.00, -7.37
CIE LCh	71, 35.769, 348.107
Yxy	41.5767, 0.3552, 0.2856
Android (android.graphics.Color)	4293170619 (0xFFE495BB)
YUV	176.9530, 4.9532, 44.7682
Hunter-Lab	64.4800, 30.3143, -2.9666

Details

The RYB color **228, 149, 187** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **149, 201, 228**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 204, 243**, and **171, 97, 134** is the 20% darker color. If you saturate the color by 10%, you get **228, 126, 175**, and if you desaturate by 10%, it is **228, 172, 199**.

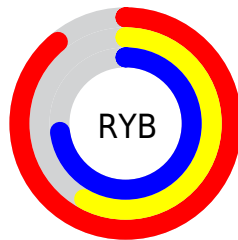
Distribution



Red (89%)

Green (58%)

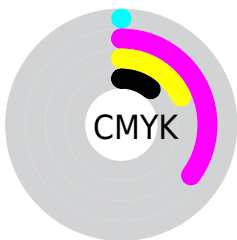
Blue (73%)



Red (89%)

Yellow (58%)

Blue (73%)

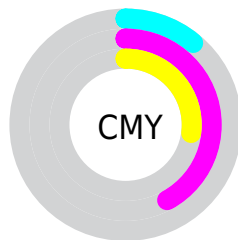


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 149, 187 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 228, 149, 187 by changing the saturation by 10% instead.

 228, 149, 187


255, 255, 255

 255, 204, 243


 255, 233, 255


 228, 149, 187

 199, 123, 160

 171, 97, 134

 144, 72, 109

 117, 47, 84

 91, 22, 61

 66, 0, 39

 45, 0, 19

 0, 0, 0

 228, 149, 187

 228, 149, 187

■ 228, 126, 175

■ 228, 172, 199

■ 228, 103, 163

■ 228, 195, 211

■ 228, 81, 152

■ 228, 217, 222

■ 228, 58, 140

■ 228, 236, 240

■ 228, 35, 128

■ 228, 244, 255

■ 228, 12, 116

■ 228, 242, 255

■ 228, 0, 110

Harmonies

Analogous

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



201, 157, 216



228, 149, 187



237, 148, 154

Triad

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



228, 149, 187



110, 177, 112



58, 130, 220

Complementary

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



228, 149, 187



149, 201, 228

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.



58, 124, 192



228, 149, 187



128, 185, 175

Square

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



228, 149, 187



177, 206, 109



97, 152, 189



105, 153, 236

Rectangle

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



228, 149, 187



233, 156, 134



97, 152, 189



50, 125, 212

Sweetspot

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



228, 149, 187



255, 230, 242



190, 149, 228



128, 112, 120



0, 0, 0



128, 128, 128

Same Dimension

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



228, 149, 187



255, 148, 199



228, 150, 149



115, 103, 109



179, 0, 86



51, 0, 25

Inverse Universe

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



228, 149, 187



255, 148, 199



149, 188, 228



115, 103, 109



179, 0, 86



51, 0, 25

Previews

White Background



This preview shows how the RYB color 228, 149, 187 looks on a white background.

Color Contrast Check

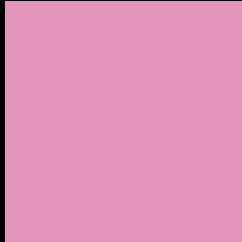
Large Text (above 18pt) WCAG AA × Fail

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 228, 149, 187 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](#).

R Y B 228, 149, 187 Background



This preview shows how black text looks on a background with the RYB color 228, 149, 187.



This preview shows how white text looks on a background with the RYB color 228, 149, 187.

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
228, 149, 187

Protanopia
168, 172, 201

Deuteranopia
185, 168, 184



Tritanopia
225, 153, 165

Trichromacy



Original Color
228, 149, 187

Protanomaly
190, 164, 196

Deuteranomaly
201, 161, 185

Tritanomaly
226, 152, 173

Monochromacy



Original Color
228, 149, 187

Achromatopsia
177, 177, 177

Achromatomaly
196, 167, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 149, 187 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(228, 149, 187) looks like.

```
.text, #text, p{  
    color:rgb(228, 149, 187)  
}
```

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(228, 149, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 149, 187) }
```

Border

The CSS property to change the border of an element to RYB 228, 149, 187 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(228, 149, 187) }
```

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

```
.border{ border-color:rgb(228, 149, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 149, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 149, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 149, 187); box-shadow:4px 4px 4px 4px rgb(228, 149, 187) }
```

Background

The CSS property to change the background color of an element to RGB 228, 149, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 149, 187) }
```

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

```
.background{ background-color: rgb(228,  
149, 187) }
```

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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