

Converting Colors

`RYB(219, 107, 129)`

Have a look what the booklet for
RYB(219, 107, 129) contains.

RYB(219, 107, 129)	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(219, 107, 129)

Conversions

Conversions Part 1

Format	Color
Hex	DB6B81
RGB	219, 107, 129
RGB Percent	86%, 42%, 51%
CMY	0.1412, 0.5804, 0.4941
CMYK	0.00, 0.51, 0.41, 0.14
HSL	348°, 61%, 64%
HSV	348°, 51%, 86%
XYZ	38.4336, 27.1604, 23.9857
YIQ	142.9960, 59.6900, 30.5860

Conversions

Conversions Part 2

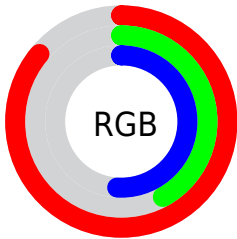
Format	Color
R _Y B	219, 107, 129
Decimal	14379905
CIE Lab	59.12, 45.93, 8.73
CIE LCh	59, 46.757, 10.764
Yxy	27.1604, 0.4290, 0.3032
Android (android.graphics.Color)	4292569985 (0xFFDB6B81)
YUV	142.9960, -6.9000, 66.6555
Hunter-Lab	52.1157, 40.4353, 9.1934

Details

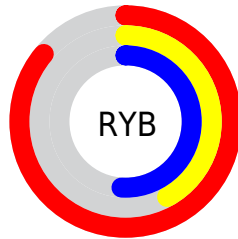
The RYB color **219, 107, 129** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **107, 169, 219**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 161, 182**, and **160, 54, 80** is the 20% darker color. If you saturate the color by 10%, you get **219, 85, 111**, and if you desaturate by 10%, it is **219, 129, 147**.

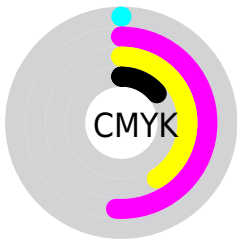
Distribution



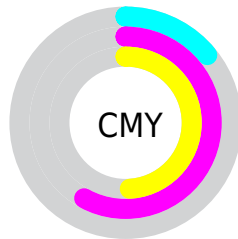
- Red (86%)
- Green (42%)
- Blue (51%)



- Red (86%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (51%)
- Yellow (41%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 107, 129 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 219, 107, 129 by changing the saturation by 10% instead.

 219, 107, 129

255, 255, 255

 255, 161, 182

 255, 189, 209

 255, 218, 238

 255, 247, 255

 219, 107, 129

 189, 81, 104

 160, 54, 80

 132, 25, 57

 104, 0, 36

 76, 0, 15

 52, 0, 2


 0, 0, 0

 219, 107, 129

 219, 85, 111

 219, 107, 129


 219, 129, 147


 219, 63, 94

 219, 151, 164

 219, 41, 76

 219, 173, 182

 219, 19, 59

 219, 195, 199

 219, 0, 43

 219, 217, 217

 219, 229, 238

 219, 238, 255

 219, 237, 255

Harmonies

Analogous

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



204, 111, 170



219, 107, 129



212, 123, 91

Triad

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



219, 107, 129



77, 155, 125



0, 90, 219

Complementary

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



219, 107, 129



107, 169, 219

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, 88, 195



219, 107, 129



39, 115, 161

Square

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



219, 107, 129



66, 152, 58



0, 83, 163



98, 131, 223

Rectangle

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



219, 107, 129



197, 166, 71



0, 83, 163



0, 90, 213

Sweetspot

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



219, 107, 129



255, 217, 224



197, 107, 219



128, 105, 109



0, 0, 0



128, 128, 128

Same Dimension

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



219, 107, 129



255, 99, 130



219, 156, 107



110, 99, 101



173, 0, 34



46, 0, 9

Inverse Universe

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



219, 107, 129



255, 99, 130



107, 153, 219



110, 99, 101



173, 0, 34



46, 0, 9

Previews

White Background



This preview shows how the RYB color 219, 107, 129 looks on a white background.

Color Contrast Check

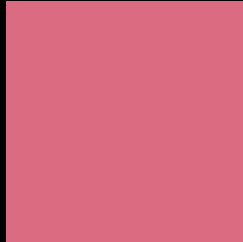
Large Text (above 18pt) WCAG AA ✓ Pass

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 219, 107, 129 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 × Fail

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

RYB 219, 107, 129 Background



This preview shows how black text looks on a background with the RYB color 219, 107, 129.



This preview shows how white text looks on a background with the RYB color 219, 107, 129.

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
219, 107, 129

Protanopia
144, 142, 148

Deuteranopia
163, 144, 124



Tritanopia
218, 109, 117

Trichromacy



Original Color
219, 107, 129

Protanomaly
171, 129, 141

Deuteranomaly
183, 126, 126

Tritanomaly
218, 108, 121

Monochromacy



Original Color
219, 107, 129

Achromatopsia
143, 143, 143

Achromatomaly
171, 130, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 107, 129 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(219, 107, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 107, 129)  
}
```

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(219, 107, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 107, 129) }
```

Border

The CSS property to change the border of an element to RYB 219, 107, 129 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(219, 107, 129) }
```

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

```
.border{ border-color:rgb(219, 107, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 107, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 107, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 107, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 107,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 219, 107, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 107, 129) }
```

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

```
.background{ background-color: rgb(219,  
107, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor