

Converting Colors

`RYB(219, 129, 171)`

Have a look what the booklet for
RYB(219, 129, 171) contains.

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Color

R_YB(219, 129, 171)

Conversions

Conversions Part 1

Format	Color
Hex	DB81AB
RGB	219, 129, 171
RGB Percent	86%, 51%, 67%
CMY	0.1412, 0.4941, 0.3294
CMYK	0.00, 0.41, 0.22, 0.14
HSL	332°, 56%, 68%
HSV	332°, 41%, 86%
XYZ	44.4144, 33.7009, 42.6921
YIQ	160.6980, 40.1580, 32.1420

Conversions

Conversions Part 2

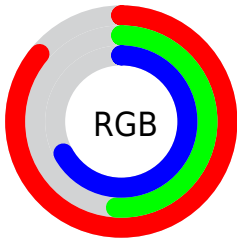
Format	Color
R _Y B	219, 129, 171
Decimal	14385579
CIE Lab	64.72, 40.05, -7.20
CIE LCh	65, 40.693, 349.804
Yxy	33.7009, 0.3676, 0.2790
Android (android.graphics.Color)	4292575659 (0xFFDB81AB)
YUV	160.6980, 5.0789, 51.1309
Hunter-Lab	58.0524, 34.9738, -2.9655

Details

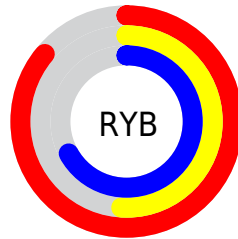
The RYB color **219, 129, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **129, 188, 219**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 183, 226**, and **162, 77, 119** is the 20% darker color. If you saturate the color by 10%, you get **219, 107, 159**, and if you desaturate by 10%, it is **219, 151, 183**.

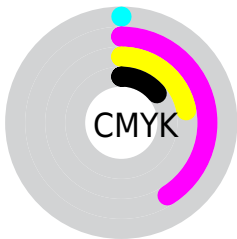
Distribution



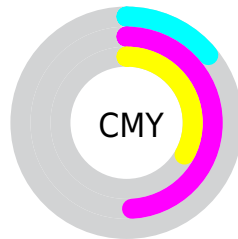
- Red (86%)
- Green (51%)
- Blue (67%)



- Red (86%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (14%)




- Cyan (14%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 129, 171 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, 129, 171 by changing the saturation by 10% instead.


 219, 129, 171


255, 255, 255

 255, 183, 226

 255, 212, 255

 255, 240, 255


 219, 129, 171

 190, 103, 144

 162, 77, 119

 135, 52, 94

 108, 25, 71


 81, 0, 48

 56, 0, 27

 31, 0, 1

 0, 0, 0

 219, 129, 171

 219, 129, 171

 219, 107, 159

 219, 151, 183

 219, 85, 148

 219, 173, 194

 219, 63, 136


 219, 195, 206

 219, 41, 124

 219, 217, 218

 219, 20, 113

 219, 232, 239

 219, 0, 102

 219, 241, 255

 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.



190, 139, 204



219, 129, 171



227, 129, 134

Triad

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



219, 129, 171



87, 162, 93



0, 95, 212

Complementary

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



219, 129, 171



129, 188, 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, 89, 180



219, 129, 171



109, 171, 166

Square

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



219, 129, 171



149, 191, 85



60, 127, 175



73, 130, 228

Rectangle

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



219, 129, 171



222, 140, 112



60, 127, 175



0, 93, 202

Sweetspot

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



219, 129, 171



255, 224, 239



177, 129, 219



128, 110, 118



0, 0, 0



128, 128, 128

Same Dimension

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



219, 129, 171



255, 130, 188



219, 132, 129



110, 99, 104



173, 0, 81



46, 0, 21

Inverse Universe

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



219, 129, 171



255, 130, 188



129, 173, 219



110, 99, 104



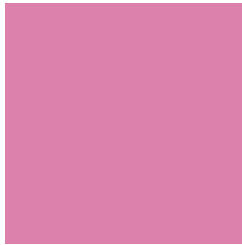
173, 0, 81



46, 0, 21

Previews

White Background



This preview shows how the RYB color 219, 129, 171 looks on a white background.

Color Contrast Check

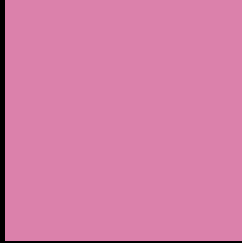
Large Text (above 18pt) WCAG AA × Fail

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 219, 129, 171 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 219, 129, 171 Background



This preview shows how black text looks on a background with the RYB color 219, 129, 171.

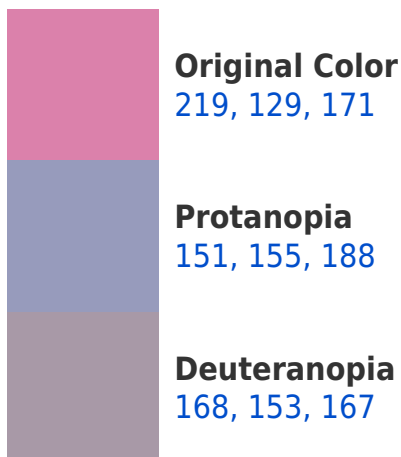


This preview shows how white text looks on a background with the RYB color 219, 129, 171.

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
216, 134, 144

Trichromacy



Original Color

219, 129, 171



Protanomaly

176, 146, 182



Deuteranomaly

187, 144, 168



Tritanomaly

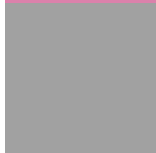
217, 132, 154

Monochromacy



Original Color

219, 129, 171



Achromatopsia

161, 161, 161



Achromatomaly

182, 149, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 129, 171 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, 129, 171) looks like.

```
.text, #text, p{  
    color:rgb(219, 129, 171)  
}
```

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, 129, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 129, 171) }
```

Border

The CSS property to change the border of an element to RYB 219, 129, 171 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, 129, 171) }
```

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

```
.border{ border-color:rgb(219, 129, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 129, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 129, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 129, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 129,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 219, 129, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 129, 171) }
```

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

```
.background{ background-color: rgb(219,  
129, 171) }
```

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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