

Converting Colors

`RYB(216, 141, 171)`

Have a look what the booklet for
RYB(216, 141, 171) contains.

RYB(216, 141, 171)	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(216, 141, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D88DAB
RGB	216, 141, 171
RGB Percent	85%, 55%, 67%
CMY	0.1529, 0.4471, 0.3294
CMYK	0.00, 0.35, 0.21, 0.15
HSL	336°, 49%, 70%
HSV	336°, 35%, 85%
XYZ	45.1945, 36.5890, 43.2084
YIQ	166.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

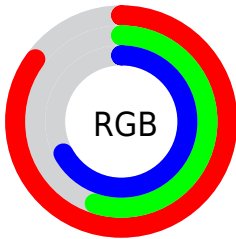
Format	Color
R _Y B	216, 141, 171
Decimal	14192043
CIE Lab	66.97, 32.64, -3.92
CIE LCh	67, 32.875, 353.145
Yxy	36.5890, 0.3616, 0.2927
Android (android.graphics.Color)	4292382123 (0xFFD88DAB)
YUV	166.8450, 2.0484, 43.1089
Hunter-Lab	60.4888, 27.5116, -0.0099

Details

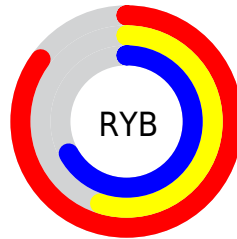
The RYB color **216, 141, 171** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **141, 188, 216**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 195, 226**, and **160, 89, 119** is the 20% darker color. If you saturate the color by 10%, you get **216, 119, 158**, and if you desaturate by 10%, it is **216, 163, 184**.

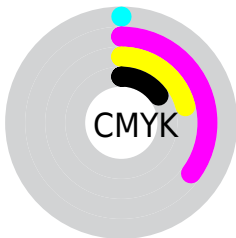
Distribution



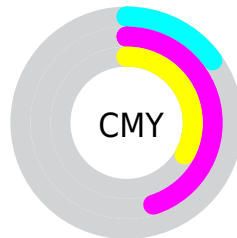
- Red (85%)
- Green (55%)
- Blue (67%)



- Red (85%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (15%)




- Cyan (15%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 141, 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 216, 141, 171 by changing the saturation by 10% instead.

 216, 141, 171

 216, 141, 171

255, 255, 255

 188, 115, 145

 255, 195, 226


 160, 89, 119

 255, 224, 255

 133, 65, 94

 255, 253, 255

 106, 41, 71


 80, 16, 48

 55, 0, 27

 33, 0, 1

 0, 0, 0

 216, 141, 171

 216, 141, 171

 216, 119, 158

 216, 163, 184

 216, 98, 145

 216, 184, 197

 216, 76, 132


 216, 206, 210

 216, 55, 119

 216, 223, 227

 216, 33, 106

 216, 237, 249

 216, 11, 93

 216, 237, 255

 216, 0, 86

 216, 236, 255

Harmonies

Analogous

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



194, 147, 199



216, 141, 171



221, 142, 141

Triad

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



216, 141, 171



108, 168, 116



68, 129, 209

Complementary

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



216, 141, 171



141, 188, 216

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.



60, 121, 185



216, 141, 171



125, 173, 175

Square

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



216, 141, 171



150, 189, 104



89, 141, 179



111, 149, 221

Rectangle

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



216, 141, 171



216, 153, 124



89, 141, 179



60, 124, 202

Sweetspot

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



216, 141, 171



255, 230, 240



186, 141, 216



128, 112, 118



0, 0, 0



128, 128, 128

Same Dimension

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



216, 141, 171



255, 148, 191



216, 150, 141



107, 96, 101



171, 0, 68



43, 0, 17

Inverse Universe

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



216, 141, 171



255, 148, 191



141, 176, 216



107, 96, 101



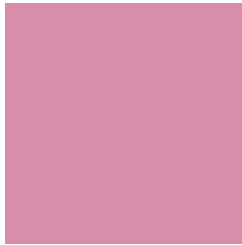
171, 0, 68



43, 0, 17

Previews

White Background



This preview shows how the RYB color 216, 141, 171 looks on a white background.

Color Contrast Check

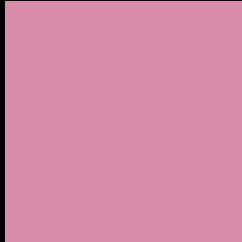
Large Text (above 18pt) WCAG AA × Fail

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 216, 141, 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](#).

R Y B 216, 141, 171 Background



This preview shows how black text looks on a background with the RYB color 216, 141, 171.

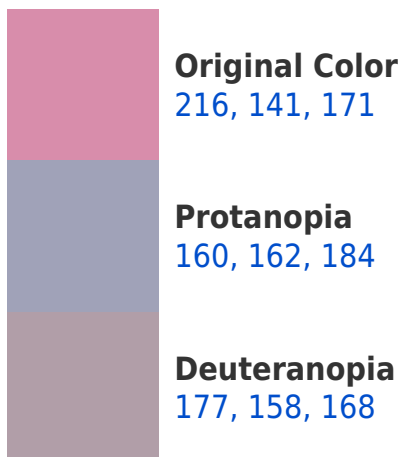


This preview shows how white text looks on a background with the RYB color 216, 141, 171.

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
214, 144, 155

Trichromacy



Original Color

216, 141, 171

Protanomaly

180, 154, 179

Deuteranomaly

191, 152, 169

Tritanomaly

215, 143, 161

Monochromacy



Original Color

216, 141, 171

Achromatopsia

167, 167, 167

Achromatomaly

185, 158, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 141, 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(216, 141, 171) looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 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(216, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 171) }
```

Border

The CSS property to change the border of an element to RYB 216, 141, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

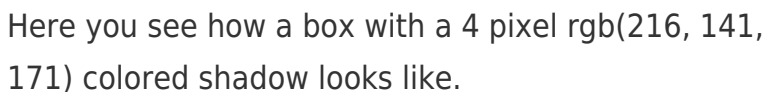
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 141, 171) }
```

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

```
.border{ border-color:rgb(216, 141, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 216, 141, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 171) }
```

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

```
.background{ background-color: rgb(216,  
141, 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](#).

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