

Converting Colors

`RYB(216, 150, 206)`

Have a look what the booklet for
RYB(216, 150, 206) contains.

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Color

R_YB(216, 150, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D896CE
RGB	216, 150, 206
RGB Percent	85%, 59%, 81%
CMY	0.1529, 0.4118, 0.1922
CMYK	0.00, 0.31, 0.05, 0.15
HSL	309°, 46%, 72%
HSV	309°, 31%, 85%
XYZ	50.3658, 40.8679, 63.6262
YIQ	176.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

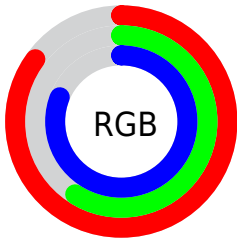
Format	Color
R_{YB}	216, 150, 206
Decimal	14194382
CIE _{Lab}	70.08, 33.56, -18.79
CIE _{LCh}	70, 38.462, 330.759
Yxy	40.8679, 0.3252, 0.2639
Android (android.graphics.Color)	4292384462 (0xFFD896CE)
YUV	176.1180, 14.7318, 34.9765
Hunter-Lab	63.9280, 28.7578, -14.2606

Details

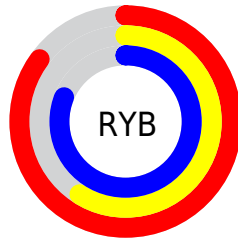
The RYB color **216, 150, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **150, 207, 216**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 205, 255**, and **160, 98, 152** is the 20% darker color. If you saturate the color by 10%, you get **216, 128, 203**, and if you desaturate by 10%, it is **216, 172, 209**.

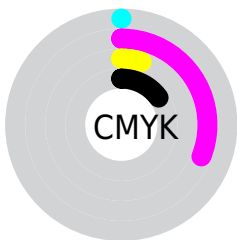
Distribution



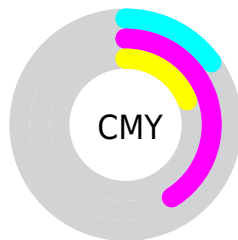
- Red (85%)
- Green (59%)
- Blue (81%)



- Red (85%)
- Yellow (59%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 150, 206 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, 150, 206 by changing the saturation by 10% instead.

 216, 150, 206


255, 255, 255


 255, 205, 255

 255, 233, 255

 216, 150, 206

 188, 124, 178

 160, 98, 152

 133, 73, 126

 107, 49, 101

 82, 25, 76

 57, 0, 54


 39, 0, 33


 0, 0, 4

 0, 0, 0

 216, 150, 206

 216, 150, 206

 216, 128, 203

 216, 172, 209

 216, 107, 199

 216, 193, 213

 216, 85, 196

 216, 215, 216

 216, 64, 193

 216, 233, 236

 216, 42, 190

 216, 250, 255

 216, 20, 186

 216, 247, 255

 216, 0, 183

 216, 245, 255

 216, 244, 255

 216, 242, 255

Harmonies

Analogous

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



176, 162, 231



216, 150, 206



237, 144, 172

Triad

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



216, 150, 206



133, 193, 101



3, 100, 206

Complementary

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



216, 150, 206



150, 207, 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.



66, 133, 190



216, 150, 206



110, 180, 133

Square

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



216, 150, 206



222, 190, 111



115, 171, 187



56, 130, 231

Rectangle

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



216, 150, 206



239, 145, 148



115, 171, 187



26, 109, 195

Sweetspot

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



216, 150, 206



255, 232, 252



160, 150, 216



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



216, 150, 206



255, 161, 241



216, 150, 173



107, 96, 105



171, 0, 145



43, 0, 37

Inverse Universe

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



216, 150, 206



255, 161, 241



150, 190, 216



107, 96, 105



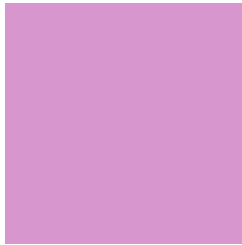
171, 0, 145



43, 0, 37

Previews

White Background



This preview shows how the RYB color 216, 150, 206 looks on a white background.

Color Contrast Check

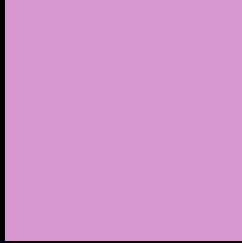
Large Text (above 18pt) WCAG AA × Fail

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, 150, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

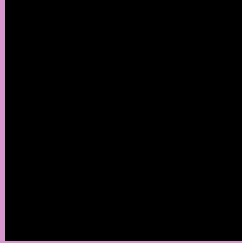
Any Text WCAG AA ✓ Pass

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 216, 150, 206 Background



This preview shows how black text looks on a background with the RYB color 216, 150, 206.

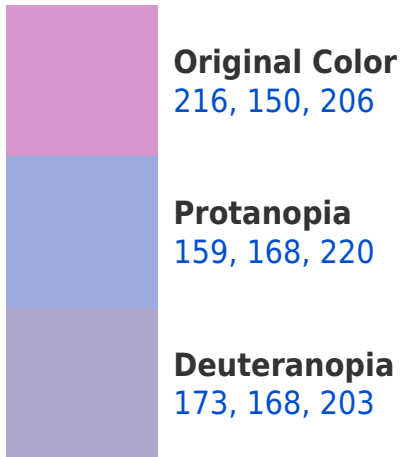


This preview shows how white text looks on a background with the RYB color 216, 150, 206.

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
211, 157, 169

Trichromacy



Original Color

216, 150, 206



Protanomaly

180, 163, 215



Deuteranomaly

189, 161, 204



Tritanomaly

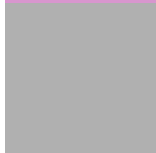
213, 154, 182

Monochromacy



Original Color

216, 150, 206



Achromatopsia

176, 176, 176



Achromatomaly

191, 167, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 150, 206 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, 150, 206) looks like.

```
.text, #text, p{  
    color:rgb(216, 150, 206)  
}
```

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, 150, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 150, 206) }
```

Border

The CSS property to change the border of an element to RYB 216, 150, 206 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, 150, 206) }
```

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

```
.border{ border-color:rgb(216, 150, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 150, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 150, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 150, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 150,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 216, 150, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 150, 206) }
```

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

```
.background{ background-color: rgb(216,  
150, 206) }
```

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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