

Converting Colors

`RYB(216, 136, 190)`

Have a look what the booklet for
RYB(216, 136, 190) contains.

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Color

R_YB(216, 136, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D888BE
RGB	216, 136, 190
RGB Percent	85%, 53%, 75%
CMY	0.1529, 0.4667, 0.2549
CMYK	0.00, 0.37, 0.12, 0.15
HSL	320°, 51%, 69%
HSV	320°, 37%, 85%
XYZ	46.4173, 35.9250, 53.2029
YIQ	166.0760, 30.3460, 33.7540

Conversions

Conversions Part 2

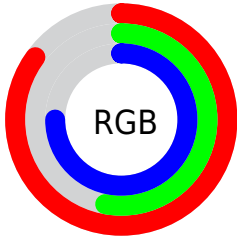
Format	Color
RYB	216, 136, 190
Decimal	14190782
CIELab	66.46, 38.30, -15.35
CIELCh	66, 41.266, 338.162
Yxy	35.9250, 0.3424, 0.2650
Android (android.graphics.Color)	4292380862 (0xFFD888BE)
YUV	166.0760, 11.7945, 43.7833
Hunter-Lab	59.9374, 33.3452, -10.6721

Details

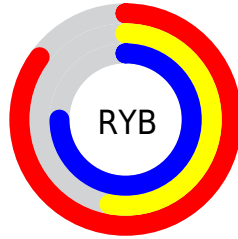
The RYB color **216, 136, 190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 196, 216**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 191, 246**, and **160, 84, 137** is the 20% darker color. If you saturate the color by 10%, you get **216, 114, 183**, and if you desaturate by 10%, it is **216, 158, 197**.

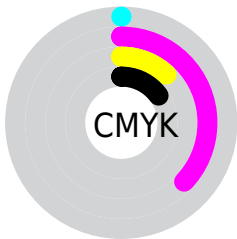
Distribution



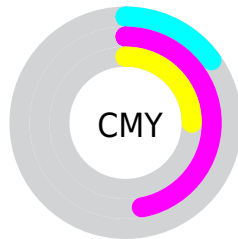
- Red (85%)
- Green (53%)
- Blue (75%)



- Red (85%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 136, 190 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, 136, 190 by changing the saturation by 10% instead.

 216, 136, 190

 216, 136, 190


255, 255, 255

 188, 110, 163

 255, 191, 246

 160, 84, 137

 255, 219, 255

 133, 59, 111

 255, 248, 255

 106, 34, 87


 80, 5, 63

 56, 0, 41

 33, 0, 20

 0, 0, 0

 216, 136, 190

 216, 136, 190

 216, 114, 183

 216, 158, 197

 216, 93, 176

 216, 179, 204

 216, 71, 169


 216, 201, 211

 216, 50, 162

 216, 221, 222

 216, 28, 155

 216, 237, 244

 216, 6, 148

 216, 244, 255

 216, 0, 146

 216, 241, 255

 216, 238, 255

 216, 236, 255

Harmonies

Analogous

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



179, 148, 220



216, 136, 190



232, 132, 153

Triad

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



216, 136, 190



101, 175, 87



0, 96, 206

Complementary

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



216, 136, 190



136, 196, 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.



0, 93, 181



216, 136, 190



102, 173, 140

Square

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



216, 136, 190



208, 206, 93



87, 148, 179



37, 117, 230

Rectangle

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



216, 136, 190



232, 135, 129



87, 148, 179



0, 94, 195

Sweetspot

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



216, 136, 190



255, 227, 246



161, 136, 216



128, 111, 122



0, 0, 0



128, 128, 128

Same Dimension

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



216, 136, 190



255, 143, 219



216, 136, 151



107, 96, 104



171, 0, 115



43, 0, 29

Inverse Universe

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



216, 136, 190



255, 143, 219



136, 180, 216



107, 96, 104



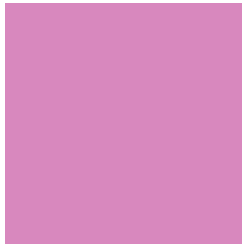
171, 0, 115



43, 0, 29

Previews

White Background



This preview shows how the RYB color 216, 136, 190 looks on a white background.

Color Contrast Check

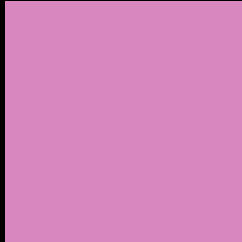
Large Text (above 18pt) WCAG AA × Fail

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, 136, 190 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, 136, 190 Background



This preview shows how black text looks on a background with the RYB color 216, 136, 190.

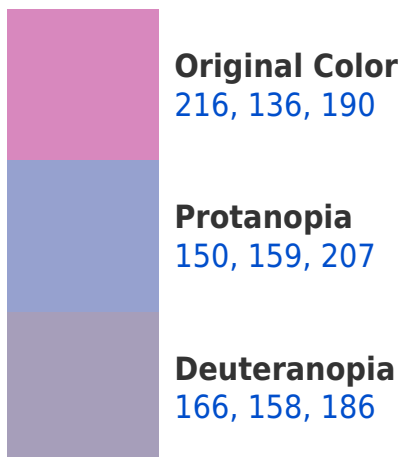



This preview shows how white text looks on a background with the RYB color 216, 136, 190.

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
212, 143, 154

Trichromacy



Original Color

216, 136, 190



Protanomaly

174, 151, 201



Deuteranomaly

184, 150, 187



Tritanomaly

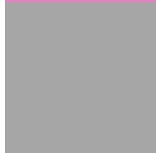
213, 140, 167

Monochromacy



Original Color

216, 136, 190



Achromatopsia

166, 166, 166



Achromatomaly

184, 155, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 136, 190 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, 136, 190) looks like.

```
.text, #text, p{  
    color:rgb(216, 136, 190)  
}
```

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, 136, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 136, 190) }
```

Border

The CSS property to change the border of an element to RYB 216, 136, 190 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, 136, 190) }
```

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

```
.border{ border-color:rgb(216, 136, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 136, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 136, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 136, 190); box-shadow:4px 4px 4px 4px rgb(216, 136, 190) }
```

Background

The CSS property to change the background color of an element to RYB 216, 136, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 136, 190) }
```

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

```
.background{ background-color: rgb(216,  
136, 190) }
```

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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