

Converting Colors

`RYB(206, 132, 201)`

Have a look what the booklet for
RYB(206, 132, 201) contains.

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Color

R_YB(206, 132, 201)

Conversions

Conversions Part 1

Format	Color
Hex	CE84C9
RGB	206, 132, 201
RGB Percent	81%, 52%, 79%
CMY	0.1922, 0.4824, 0.2118
CMYK	0.00, 0.36, 0.02, 0.19
HSL	304°, 43%, 66%
HSV	304°, 36%, 81%
XYZ	44.2475, 33.8414, 59.4583
YIQ	161.9920, 21.9550, 37.1470

Conversions

Conversions Part 2

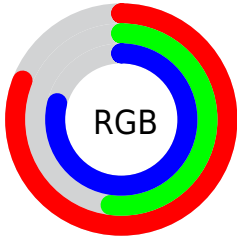
Format	Color
R _{YB}	206, 132, 201
Decimal	13534409
CIE Lab	64.84, 39.08, -24.10
CIE LCh	65, 45.914, 328.338
Yxy	33.8414, 0.3217, 0.2460
Android (android.graphics.Color)	4291724489 (0xFFCE84C9)
YUV	161.9920, 19.2309, 38.5950
Hunter-Lab	58.1733, 33.9663, -19.8783

Details

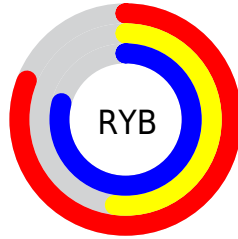
The RYB color **206, 132, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 201, 206**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 186, 255**, and **150, 80, 147** is the 20% darker color. If you saturate the color by 10%, you get **206, 111, 200**, and if you desaturate by 10%, it is **206, 153, 202**.

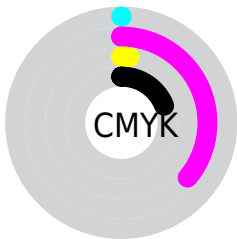
Distribution



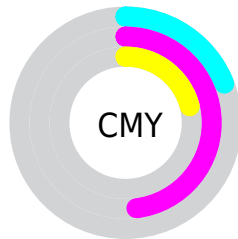
- Red (81%)
- Green (52%)
- Blue (79%)



- Red (81%)
- Yellow (52%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (2%)
- Black (19%)




- Cyan (19%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 206, 132, 201 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 206, 132, 201 by changing the saturation by 10% instead.


 206, 132, 201

 206, 132, 201

255, 255, 255

 178, 106, 174


 255, 186, 255

 150, 80, 147

 255, 214, 255

 124, 56, 121

 255, 243, 255

 98, 30, 96


 72, 1, 72

 48, 0, 49

 22, 0, 28

 0, 0, 0


 206, 132, 201


 206, 132, 201

 206, 111, 200


 206, 153, 202

 206, 91, 198


 206, 173, 204

 206, 70, 197

 206, 194, 205

 206, 50, 195

 206, 213, 214

 206, 29, 194

 206, 233, 235

 206, 8, 193

 206, 252, 255

 206, 0, 192

 206, 250, 255

 206, 250, 255

 206, 248, 255

Harmonies

Analogous

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



157, 147, 230



206, 132, 201



231, 123, 161

Triad

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



206, 132, 201



114, 184, 73



0, 93, 195

Complementary

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



206, 132, 201



132, 201, 206

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, 95, 178



206, 132, 201



82, 166, 105

Square

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



206, 132, 201



216, 173, 88



91, 157, 174



0, 98, 226

Rectangle

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



206, 132, 201



235, 124, 134



91, 157, 174



0, 90, 182

Sweetspot

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



206, 132, 201



255, 227, 253



137, 132, 206



128, 111, 126



0, 0, 0



128, 128, 128

Same Dimension

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



206, 132, 201



255, 145, 248



206, 132, 164



102, 92, 101



166, 0, 155



38, 0, 36

Inverse Universe

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



206, 132, 201



255, 145, 248



132, 179, 206



102, 92, 101



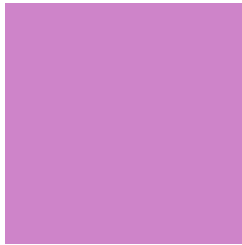
166, 0, 155



38, 0, 36

Previews

White Background



This preview shows how the RYB color 206, 132, 201 looks on a white background.

Color Contrast Check

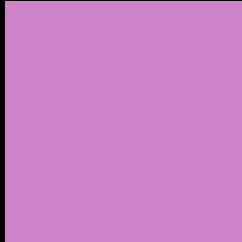
Large Text (above 18pt) WCAG AA × Fail

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 206, 132, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

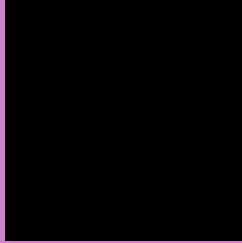
Any Text WCAG AA ✓ Pass

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 206, 132, 201 Background



This preview shows how black text looks on a background with the R Y B color 206, 132, 201.

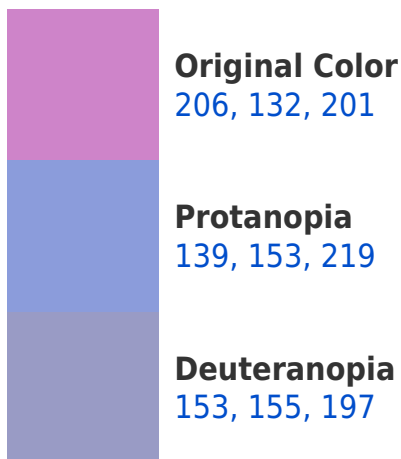



This preview shows how white text looks on a background with the R Y B color 206, 132, 201.

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
200, 142, 153

Trichromacy



Original Color

206, 132, 201



Protanomaly

163, 147, 212



Deuteranomaly

172, 147, 198



Tritanomaly

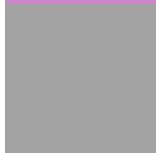
202, 138, 170

Monochromacy



Original Color

206, 132, 201



Achromatopsia

162, 162, 162



Achromatomaly

178, 151, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 132, 201 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(206, 132, 201) looks like.

```
.text, #text, p{  
    color:rgb(206, 132, 201)  
}
```

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(206, 132, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 132, 201) }
```

Border

The CSS property to change the border of an element to RYB 206, 132, 201 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(206, 132, 201) }
```

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

```
.border{ border-color:rgb(206, 132, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 132, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 132, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 132, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 132,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 206, 132, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 132, 201) }
```

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

```
.background{ background-color: rgb(206,  
132, 201) }
```

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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