

Converting Colors

`RYB(205, 162, 192)`

Have a look what the booklet for RYB(205, 162, 192) contains.

RYB(205, 162, 192)	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(205, 162, 192)

Conversions

Conversions Part 1

Format	Color
Hex	CDA2C0
RGB	205, 162, 192
RGB Percent	80%, 64%, 75%
CMY	0.1961, 0.3647, 0.2471
CMYK	0.00, 0.21, 0.06, 0.20
HSL	318°, 30%, 72%
HSV	318°, 21%, 80%
XYZ	47.6116, 42.6256, 55.5873
YIQ	178.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

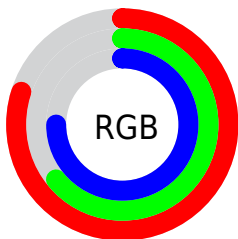
Format	Color
R _Y B	205, 162, 192
Decimal	13476544
CIE Lab	71.30, 20.80, -9.33
CIE LCh	71, 22.798, 335.846
Yxy	42.6256, 0.3265, 0.2923
Android (android.graphics.Color)	4291666624 (0xFFCDA2C0)
YUV	178.2770, 6.7654, 23.4361
Hunter-Lab	65.2883, 15.9170, -4.7785

Details

The RYB color **205, 162, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 195, 205**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 217, 248**, and **150, 110, 139** is the 20% darker color. If you saturate the color by 10%, you get **205, 142, 186**, and if you desaturate by 10%, it is **205, 182, 198**.

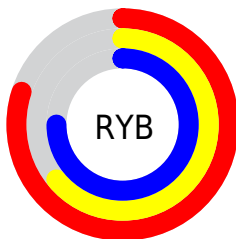
Distribution



Red (80%)

Green (64%)

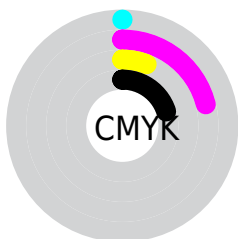
Blue (75%)



Red (80%)

Yellow (64%)

Blue (75%)

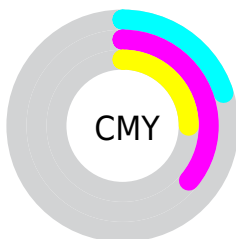


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 162, 192 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 205, 162, 192 by changing the saturation by 10% instead.


 205, 162, 192

 205, 162, 192

255, 255, 255

 177, 136, 165

 255, 217, 248


 150, 110, 139

 255, 246, 255

 124, 85, 113

 99, 62, 89

 74, 39, 65

 51, 18, 43

 32, 0, 23

 0, 0, 0

 205, 162, 192

 205, 162, 192

 205, 142, 186

 205, 182, 198

 205, 121, 180


 205, 203, 204

 205, 100, 173


 205, 219, 223

 205, 80, 167


 205, 235, 244

 205, 59, 161

 205, 242, 255

 205, 39, 155

 205, 239, 255

 205, 18, 149

 205, 236, 255

 205, 0, 143

 205, 234, 255

 205, 232, 255

Harmonies

Analogous

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



183, 168, 208



205, 162, 192



216, 160, 171

Triad

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



205, 162, 192



147, 186, 133



116, 153, 198

Complementary

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



205, 162, 192



162, 195, 205

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.



121, 156, 187



205, 162, 192



141, 181, 159

Square

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



205, 162, 192



205, 194, 137



140, 173, 185



129, 161, 212

Rectangle

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



205, 162, 192



217, 161, 157



140, 173, 185



116, 152, 192

Sweetspot

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



205, 162, 192



255, 240, 250



175, 162, 205



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



205, 162, 192



255, 191, 236



205, 162, 171



102, 92, 99



166, 0, 116



38, 0, 27

Inverse Universe

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



205, 162, 192



255, 191, 236



162, 186, 205



102, 92, 99



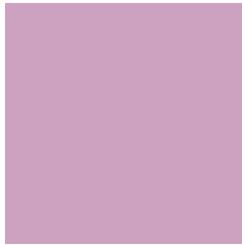
166, 0, 116



38, 0, 27

Previews

White Background



This preview shows how the RYB color 205, 162, 192 looks on a white background.

Color Contrast Check

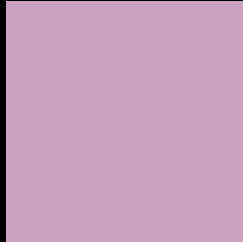
Large Text (above 18pt) WCAG AA × Fail

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 205, 162, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

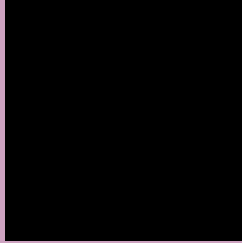
Any Text WCAG AA ✓ Pass

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 205, 162, 192 Background



This preview shows how black text looks on a background with the RYB color 205, 162, 192.

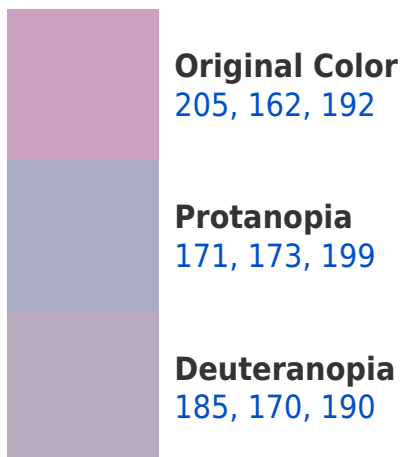



This preview shows how white text looks on a background with the RYB color 205, 162, 192.

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
203, 165, 177

Trichromacy



Original Color

205, 162, 192

Protanomaly

183, 169, 196

Deuteranomaly

192, 167, 191

Tritanomaly

204, 164, 182

Monochromacy



Original Color

205, 162, 192

Achromatopsia

178, 178, 178

Achromatomaly

188, 172, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 162, 192 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(205, 162, 192)` looks like.

```
.text, #text, p{  
    color:rgb(205, 162, 192)  
}
```

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(205, 162, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 192) }
```

Border

The CSS property to change the border of an element to RYB 205, 162, 192 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(205, 162, 192) }
```

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

```
.border{ border-color:rgb(205, 162, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 162, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 162, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 162, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 162,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 205, 162, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 162, 192) }
```

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

```
.background{ background-color: rgb(205,  
162, 192) }
```

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