

Converting Colors

`RYB(208, 161, 229)`

Have a look what the booklet for
RYB(208, 161, 229) contains.

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Color

R_YB(208, 161, 229)

Conversions

Conversions Part 1

Format	Color
Hex	D0A1E5
RGB	208, 161, 229
RGB Percent	82%, 63%, 90%
CMY	0.1843, 0.3686, 0.1020
CMYK	0.09, 0.30, 0.00, 0.10
HSL	281°, 57%, 76%
HSV	281°, 30%, 90%
XYZ	52.9002, 44.5568, 79.9409
YIQ	182.8050, 6.1840, 31.1120

Conversions

Conversions Part 2

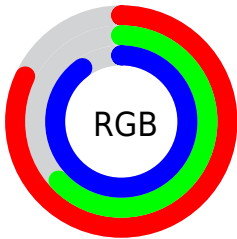
Format	Color
R _Y B	208, 161, 229
Decimal	13672933
CIE Lab	72.60, 29.39, -27.67
CIE LCh	73, 40.367, 316.730
Yxy	44.5568, 0.2982, 0.2512
Android (android.graphics.Color)	4291863013 (0xFFD0A1E5)
YUV	182.8050, 22.7741, 22.0960
Hunter-Lab	66.7509, 24.6475, -24.2802

Details

The RYB color **208, 161, 229** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161, 229, 208**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 216, 255**, and **153, 109, 173** is the 20% darker color. If you saturate the color by 10%, you get **201, 138, 229**, and if you desaturate by 10%, it is **215, 184, 229**.

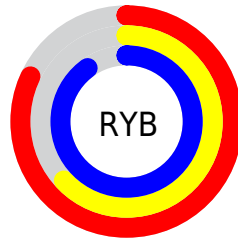
Distribution



Red (82%)

Green (63%)

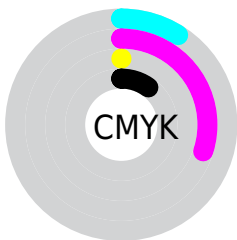
Blue (90%)



Red (82%)

Yellow (63%)

Blue (90%)

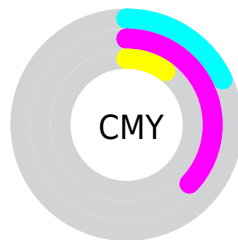


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (18%)

Magenta (37%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 161, 229 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 208, 161, 229 by changing the saturation by 10% instead.

 208, 161, 229

 208, 161, 229

255, 255, 255


 180, 135, 201

 255, 216, 255


 153, 109, 173


 255, 245, 255

 126, 84, 147

 101, 60, 121

 76, 37, 96

 51, 14, 72

 31, 0, 49

 0, 1, 27

 0, 0, 0

■ 208, 161, 229

■ 208, 161, 229

■ 201, 138, 229

■ 215, 184, 229

■ 194, 115, 229

■ 222, 207, 229

■ 187, 92, 229

■ 229, 230, 230

■ 180, 69, 229

■ 229, 253, 246

■ 173, 47, 229

■ 229, 255, 241

■ 166, 24, 229

■ 229, 255, 234

■ 158, 1, 229

■ 229, 255, 229

■ 158, 0, 229

Harmonies

Analogous

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



158, 172, 249



208, 161, 229



240, 151, 196

Triad

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



208, 161, 229



188, 217, 106



26, 112, 198

Complementary

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



208, 161, 229



161, 229, 208

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.



91, 155, 197



208, 161, 229



106, 182, 106

Square

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



208, 161, 229



241, 170, 126



126, 192, 178



0, 105, 231

Rectangle

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



208, 161, 229



249, 149, 171



126, 192, 178



52, 128, 198

Sweetspot

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



208, 161, 229



248, 232, 255



161, 178, 229



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 161, 229



227, 163, 255



229, 161, 217



111, 103, 115



123, 0, 179



35, 0, 51

Inverse Universe

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



229, 161, 182



255, 163, 192



161, 219, 229



115, 103, 107



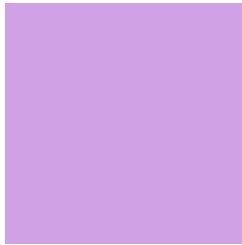
179, 0, 55



51, 0, 16

Previews

White Background



This preview shows how the RYB color 208, 161, 229 looks on a white background.

Color Contrast Check

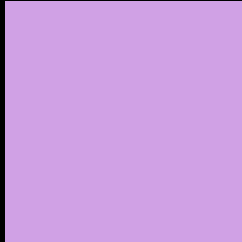
Large Text (above 18pt) WCAG AA × Fail

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 208, 161, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

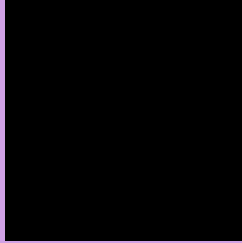
Any Text WCAG AA ✓ Pass

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 208, 161, 229 Background



This preview shows how black text looks on a background with the RYB color 208, 161, 229.

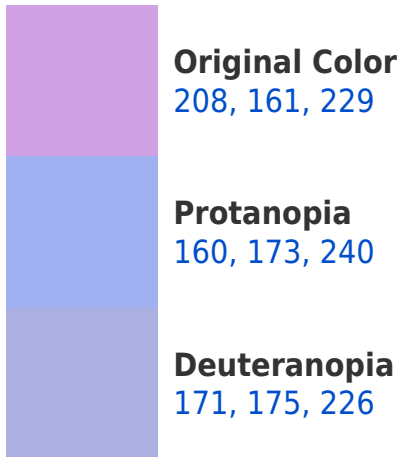



This preview shows how white text looks on a background with the RYB color 208, 161, 229.

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
201, 170, 183

Trichromacy



Original Color
208, 161, 229

Protanomaly
177, 171, 236

Deuteranomaly
184, 170, 227

Tritanomaly
204, 167, 200

Monochromacy



Original Color
208, 161, 229

Achromatopsia
183, 183, 183

Achromatomaly
192, 175, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 161, 229 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(208, 161, 229) looks like.

```
.text, #text, p{  
    color:rgb(208, 161, 229)  
}
```

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(208, 161, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 161, 229) }
```

Border

The CSS property to change the border of an element to RYB 208, 161, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

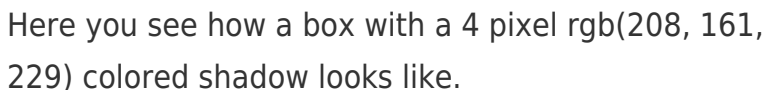
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 161, 229) }
```

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

```
.border{ border-color:rgb(208, 161, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 161, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 161, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 161, 229);  
box-shadow:4px 4px 4px 4px rgb(208, 161,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 208, 161, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 161, 229) }
```

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

```
.background{ background-color: rgb(208,  
161, 229) }
```

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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