

Converting Colors

`RYB(208, 141, 217)`

Have a look what the booklet for
RYB(208, 141, 217) contains.

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Color

R_YB(208, 141, 217)

Conversions

Conversions Part 1

Format	Color
Hex	D08DD9
RGB	208, 141, 217
RGB Percent	82%, 55%, 85%
CMY	0.1843, 0.4471, 0.1490
CMYK	0.04, 0.35, 0.00, 0.15
HSL	293°, 50%, 70%
HSV	293°, 35%, 85%
XYZ	48.0617, 37.4694, 70.3448
YIQ	169.6970, 15.5360, 37.8400

Conversions

Conversions Part 2

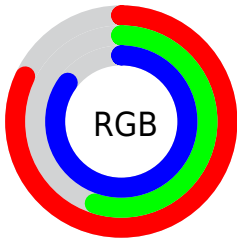
Format	Color
R_{YB}	208, 141, 217
Decimal	13667801
CIE _{Lab}	67.63, 37.88, -28.71
CIE _{LCh}	68, 47.530, 322.838
Yxy	37.4694, 0.3083, 0.2404
Android (android.graphics.Color)	4291857881 (0xFFD08DD9)
YUV	169.6970, 23.3204, 33.5917
Hunter-Lab	61.2123, 33.0304, -25.2872

Details

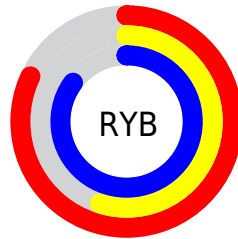
The RYB color **208, 141, 217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 217, 208**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 196, 255**, and **152, 89, 162** is the 20% darker color. If you saturate the color by 10%, you get **205, 119, 217**, and if you desaturate by 10%, it is **211, 163, 217**.

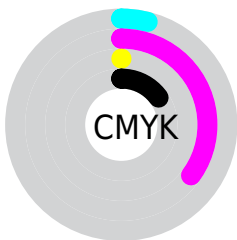
Distribution



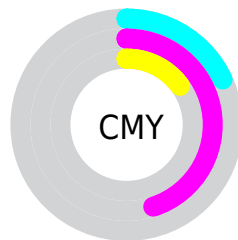
- Red (82%)
- Green (55%)
- Blue (85%)



- Red (82%)
- Yellow (55%)
- Blue (85%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 141, 217 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, 141, 217 by changing the saturation by 10% instead.

 208, 141, 217

 208, 141, 217

255, 255, 255

 180, 115, 189

 255, 196, 255


 152, 89, 162

 255, 224, 255

 126, 64, 135

 255, 253, 255

 100, 40, 110

 74, 14, 85


 50, 0, 62

 29, 0, 40


 0, 1, 17


 0, 0, 0


 208, 141, 217


 208, 141, 217

 205, 119, 217


 211, 163, 217

 203, 98, 217


 213, 184, 217

 200, 76, 217


 216, 206, 217

 198, 54, 217


 217, 228, 227

 195, 32, 217

 217, 250, 246

 193, 11, 217

 217, 255, 249

 191, 0, 217

 217, 255, 246

 217, 255, 243

 217, 255, 241

Harmonies

Analogous

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



152, 158, 244



208, 141, 217



239, 130, 177

Triad

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



208, 141, 217



138, 199, 78



0, 96, 197

Complementary

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



208, 141, 217



141, 217, 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.



8, 106, 186



208, 141, 217



83, 172, 97

Square

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



208, 141, 217



230, 166, 98



107, 177, 181



0, 102, 232

Rectangle

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



208, 141, 217



246, 129, 148



107, 177, 181



0, 95, 187

Sweetspot

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



208, 141, 217



252, 227, 255



141, 150, 217



126, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 141, 217



242, 148, 255



217, 141, 189



108, 99, 110



153, 0, 173



40, 0, 46

Inverse Universe

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



217, 141, 150



255, 148, 161



141, 197, 217



110, 99, 100



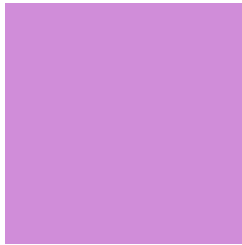
173, 0, 21



46, 0, 5

Previews

White Background



This preview shows how the RYB color 208, 141, 217 looks on a white background.

Color Contrast Check

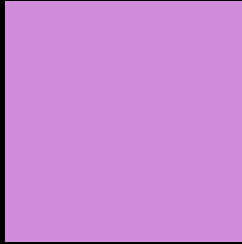
Large Text (above 18pt) WCAG AA × Fail

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, 141, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

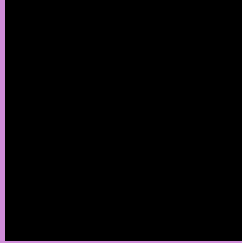
Any Text WCAG AA ✓ Pass

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, 141, 217 Background



This preview shows how black text looks on a background with the RYB color 208, 141, 217.

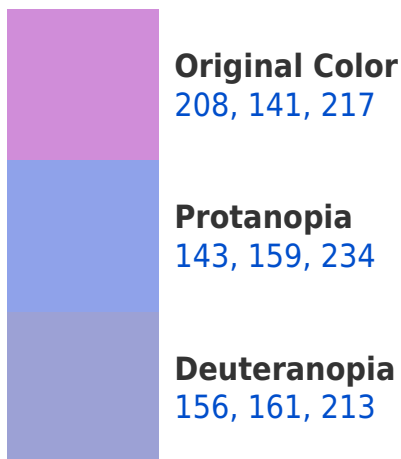



This preview shows how white text looks on a background with the RYB color 208, 141, 217.

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, 152, 164

Trichromacy



Original Color

208, 141, 217



Protanomaly

167, 155, 228



Deuteranomaly

175, 154, 214



Tritanomaly

204, 148, 183

Monochromacy



Original Color

208, 141, 217



Achromatopsia

170, 170, 170



Achromatomaly

184, 159, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 141, 217 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, 141, 217) looks like.

```
.text, #text, p{  
    color:rgb(208, 141, 217)  
}
```

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, 141, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 141, 217) }
```

Border

The CSS property to change the border of an element to RYB 208, 141, 217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

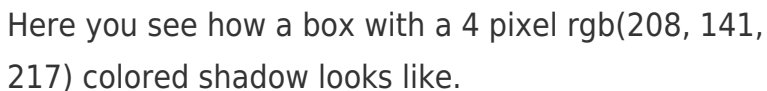
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 141, 217) }
```

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

```
.border{ border-color:rgb(208, 141, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 141, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 141, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 141, 217); box-shadow:4px 4px 4px 4px rgb(208, 141, 217) }
```

Background

The CSS property to change the background color of an element to RGB 208, 141, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 141, 217) }
```

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

```
.background{ background-color: rgb(208,  
141, 217) }
```

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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