

Converting Colors

`RYB(208, 142, 238)`

Have a look what the booklet for
RYB(208, 142, 238) contains.

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Color

R_YB(208, 142, 238)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D08EEE |
| RGB | 208, 142, 238 |
| RGB Percent | 82%, 56%, 93% |
| CMY | 0.1843, 0.4431, 0.0667 |
| CMYK | 0.13, 0.40, 0.00, 0.07 |
| HSL | 281°, 74%, 75% |
| HSV | 281°, 40%, 93% |
| XYZ | 51.1180, 38.9289, 85.7087 |
| YIQ | 172.6780, 8.5200, 43.8480 |

Conversions

Conversions Part 2

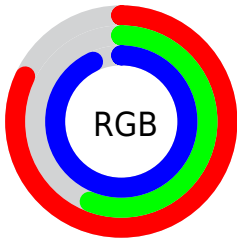
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 208, 142, 238 |
| Decimal | 13668078 |
| CIE Lab | 68.70, 41.53, -38.63 |
| CIE LCh | 69, 56.718, 317.070 |
| Yxy | 38.9289, 0.2908, 0.2215 |
| Android (android.graphics.Color) | 4291858158 (0xFFD08EEE) |
| YUV | 172.6780, 32.2037, 30.9774 |
| Hunter-Lab | 62.3931, 37.0555, -37.7709 |

Details

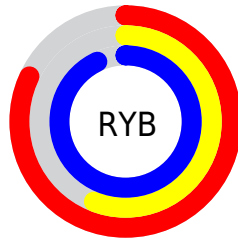
The RYB color **208, 142, 238** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **142, 238, 208**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 197, 255**, and **152, 90, 182** is the 20% darker color. If you saturate the color by 10%, you get **201, 118, 238**, and if you desaturate by 10%, it is **215, 166, 238**.

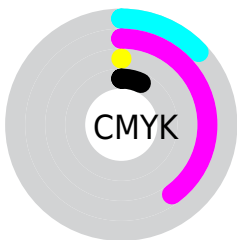
Distribution



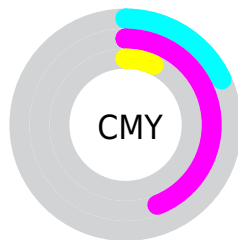
- Red (82%)
- Green (56%)
- Blue (93%)



- Red (82%)
- Yellow (56%)
- Blue (93%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 142, 238 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, 142, 238 by changing the saturation by 10% instead.

 208, 142, 238

 208, 142, 238

255, 255, 255

 180, 116, 209

 255, 197, 255

 152, 90, 182

 255, 225, 255

 125, 65, 155

255, 254, 255

 99, 40, 128

 73, 13, 103

 47, 0, 78


 27, 0, 55

 0, 2, 32

 0, 0, 5


 208, 142, 238


 208, 142, 238

 201, 118, 238

 215, 166, 238

 193, 94, 238


 223, 190, 238

 186, 71, 238

 230, 213, 238

 178, 47, 238

 238, 237, 238

 171, 23, 238

 238, 255, 248

 164, 0, 238

 238, 255, 240

 238, 255, 238

Harmonies

Analogous

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



131, 156, 255



208, 142, 238



251, 125, 192

Triad

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



208, 142, 238



158, 215, 64



0, 97, 196

Complementary

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



208, 142, 238



142, 238, 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.



0, 110, 192



208, 142, 238



63, 174, 69

Square

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



208, 142, 238



249, 154, 94



94, 185, 170



0, 106, 242

Rectangle

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



208, 142, 238



255, 122, 157



94, 185, 170



0, 100, 193

Sweetspot

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



208, 142, 238



245, 224, 255



142, 165, 238



122, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 142, 238



217, 133, 255



238, 142, 220



116, 108, 120



126, 0, 184



39, 0, 56

Inverse Universe

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



238, 142, 172



255, 133, 171



142, 223, 238



120, 108, 112



184, 0, 57



56, 0, 18

Previews

White Background



This preview shows how the RYB color 208, 142, 238 looks on a white background.

Color Contrast Check

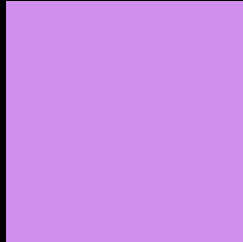
Large Text (above 18pt) WCAG AA × Fail

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, 142, 238 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, 142, 238 Background



This preview shows how black text looks on a background with the RYB color 208, 142, 238.

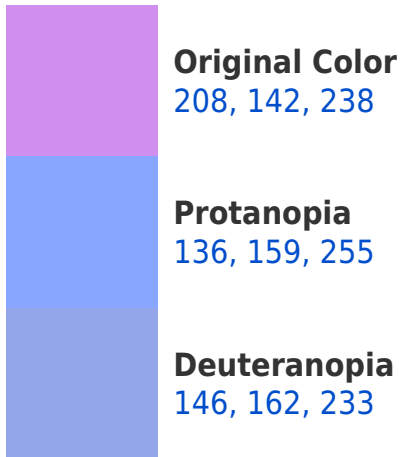


This preview shows how white text looks on a background with the RYB color 208, 142, 238.

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
198, 157, 169

Trichromacy



Original Color

208, 142, 238



Protanomaly

162, 157, 249



Deuteranomaly

169, 157, 235



Tritanomaly

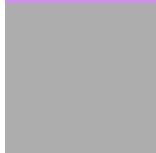
202, 152, 194

Monochromacy



Original Color

208, 142, 238



Achromatopsia

173, 173, 173



Achromatomaly

186, 162, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 142, 238 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, 142, 238) looks like.

```
.text, #text, p{  
    color:rgb(208, 142, 238)  
}
```

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, 142, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 142, 238) }
```

Border

The CSS property to change the border of an element to RYB 208, 142, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

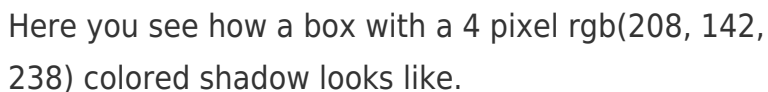
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 142, 238) }
```

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

```
.border{ border-color:rgb(208, 142, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 142, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 142, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 142, 238);  
box-shadow:4px 4px 4px 4px rgb(208, 142,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 208, 142, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 142, 238) }
```

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

```
.background{ background-color: rgb(208,  
142, 238) }
```

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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