

Converting Colors

`RYB(208, 128, 243)`

Have a look what the booklet for
RYB(208, 128, 243) contains.

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Color

`RYB(208, 128, 243)`

Conversions

Conversions Part 1

Format	Color
Hex	D080F3
RGB	208, 128, 243
RGB Percent	82%, 50%, 95%
CMY	0.1843, 0.4980, 0.0471
CMYK	0.14, 0.47, 0.00, 0.05
HSL	282°, 83%, 73%
HSV	282°, 47%, 95%
XYZ	49.9093, 35.3193, 88.9808
YIQ	165.0300, 10.7650, 52.7250

Conversions

Conversions Part 2

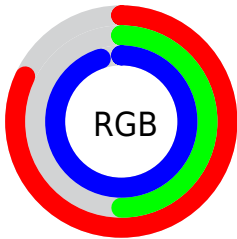
Format	Color
R _{YB}	208, 128, 243
Decimal	13664499
CIE _{Lab}	66.00, 49.95, -45.61
CIE _{LCh}	66, 67.642, 317.599
Yxy	35.3193, 0.2865, 0.2027
Android (android.graphics.Color)	4291854579 (0xFFD080F3)
YUV	165.0300, 38.4392, 37.6847
Hunter-Lab	59.4300, 45.9014, -47.1701

Details

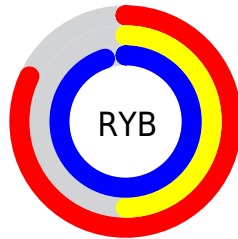
The RYB color **208, 128, 243** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **128, 243, 208**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 183, 255**, and **151, 76, 186** is the 20% darker color. If you saturate the color by 10%, you get **201, 104, 243**, and if you desaturate by 10%, it is **215, 152, 243**.

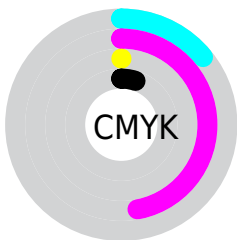
Distribution



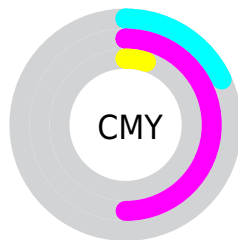
- Red (82%)
- Green (50%)
- Blue (95%)



- Red (82%)
- Yellow (50%)
- Blue (95%)



- Cyan (14%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 128, 243 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, 128, 243 by changing the saturation by 10% instead.


 208, 128, 243

 208, 128, 243

255, 255, 255

 179, 102, 214

 255, 183, 255

 151, 76, 186

 255, 211, 255

 124, 49, 159

 255, 240, 255

 97, 21, 132

 70, 0, 107

 44, 0, 82


 18, 0, 58

 0, 2, 35


 0, 0, 10

 208, 128, 243

 208, 128, 243

 201, 104, 243


 215, 152, 243

 193, 79, 243

 223, 177, 243

 186, 55, 243

 230, 201, 243

 178, 31, 243

 238, 225, 243

 171, 7, 243

 243, 249, 247

 169, 0, 243

 243, 255, 246

 243, 255, 243

Harmonies

Analogous

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



109, 144, 255



208, 128, 243



255, 105, 188

Triad

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



208, 128, 243



124, 212, 26



0, 96, 195

Complementary

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



208, 128, 243



128, 243, 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, 187



208, 128, 243



24, 168, 35

Square

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



208, 128, 243



252, 143, 72



73, 181, 171



0, 106, 249

Rectangle

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



208, 128, 243



255, 100, 147



73, 181, 171



0, 98, 189

Sweetspot

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



208, 128, 243



244, 219, 255



128, 155, 243



121, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 128, 243



211, 110, 255



243, 128, 222



119, 110, 122



129, 0, 186



41, 0, 59

Inverse Universe

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



243, 128, 163



255, 110, 154



128, 225, 243



122, 110, 114



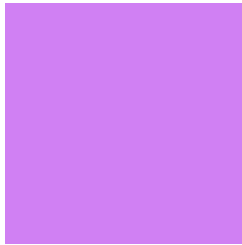
186, 0, 57



59, 0, 18

Previews

White Background



This preview shows how the RYB color 208, 128, 243 looks on a white background.

Color Contrast Check

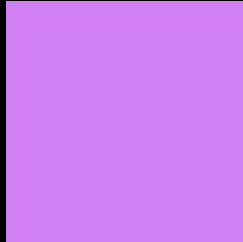
Large Text (above 18pt) WCAG AA × Fail

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, 128, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

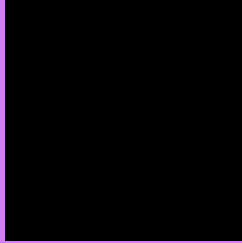
Any Text WCAG AA ✓ Pass

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, 128, 243 Background



This preview shows how black text looks on a background with the RYB color 208, 128, 243.

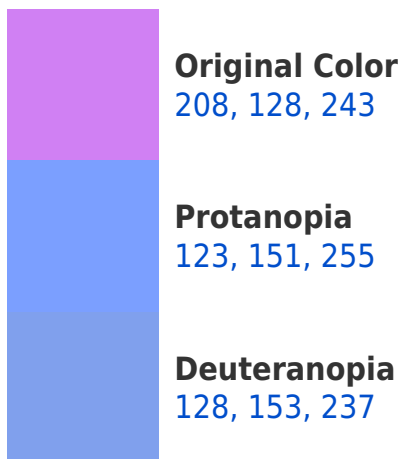


This preview shows how white text looks on a background with the RYB color 208, 128, 243.

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
195, 148, 159

Trichromacy



Original Color

208, 128, 243



Protanomaly

154, 147, 251



Deuteranomaly

157, 148, 239



Tritanomaly

200, 141, 190

Monochromacy



Original Color

208, 128, 243



Achromatopsia

165, 165, 165



Achromatomaly

181, 152, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 128, 243 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, 128, 243) looks like.

```
.text, #text, p{  
    color:rgb(208, 128, 243)  
}
```

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, 128, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 128, 243) }
```

Border

The CSS property to change the border of an element to RYB 208, 128, 243 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, 128, 243) }
```

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

```
.border{ border-color:rgb(208, 128, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 128, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 128, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 128, 243);  
box-shadow:4px 4px 4px 4px rgb(208, 128,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 208, 128, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 128, 243) }
```

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

```
.background{ background-color: rgb(208,  
128, 243) }
```

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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