

Converting Colors

`RYB(211, 158, 250)`

Have a look what the booklet for
RYB(211, 158, 250) contains.

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Color

R_YB(211, 158, 250)

Conversions

Conversions Part 1

Format	Color
Hex	D39EFA
RGB	211, 158, 250
RGB Percent	83%, 62%, 98%
CMY	0.1725, 0.3804, 0.0196
CMYK	0.16, 0.37, 0.00, 0.02
HSL	275°, 90%, 80%
HSV	275°, 37%, 98%
XYZ	56.3461, 45.2047, 96.1981
YIQ	184.3350, 2.0560, 39.8480

Conversions

Conversions Part 2

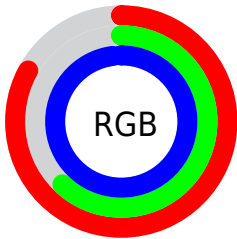
Format	Color
R_{YB}	211, 158, 250
Decimal	13868794
CIE _{Lab}	73.03, 36.29, -38.42
CIE _{LCh}	73, 52.849, 313.372
Yxy	45.2047, 0.2849, 0.2286
Android (android.graphics.Color)	4292058874 (0xFFD39EFA)
YUV	184.3350, 32.3728, 23.3852
Hunter-Lab	67.2345, 31.9324, -37.7672

Details

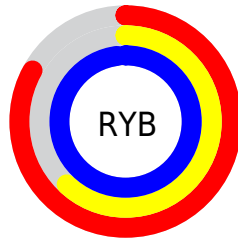
The RYB color **211, 158, 250** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **158, 250, 211**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 213, 255**, and **155, 106, 193** is the 20% darker color. If you saturate the color by 10%, you get **200, 133, 250**, and if you desaturate by 10%, it is **222, 183, 250**.

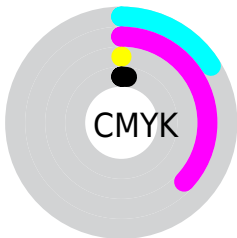
Distribution



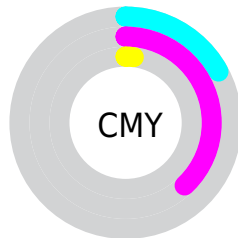
- Red (83%)
- Green (62%)
- Blue (98%)



- Red (83%)
- Yellow (62%)
- Blue (98%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)





- Cyan (17%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 158, 250 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 211, 158, 250 by changing the saturation by 10% instead.

 211, 158, 250

 211, 158, 250

255, 255, 255


 183, 131, 221

 255, 213, 255

 155, 106, 193

 255, 242, 255

 128, 81, 166

 102, 57, 139

 76, 33, 113

 51, 8, 88

 27, 0, 64

 0, 0, 42

 0, 1, 20

■ 211, 158, 250

■ 211, 158, 250

■ 200, 133, 250

■ 222, 183, 250

■ 190, 108, 250

■ 232, 208, 250

■ 179, 83, 250

■ 243, 233, 250

■ 169, 58, 250

■ 250, 255, 252

■ 158, 33, 250

■ 250, 255, 250

■ 147, 8, 250

■ 144, 0, 250

Harmonies

Analogous

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



137, 167, 255



211, 158, 250



255, 142, 208

Triad

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



211, 158, 250



196, 230, 85



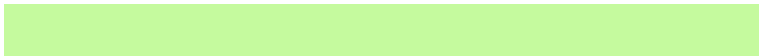
0, 103, 204

Complementary

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



211, 158, 250



158, 250, 211

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.



53, 143, 202



211, 158, 250



85, 187, 81

Square

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



211, 158, 250



255, 162, 115



106, 195, 168



0, 110, 244

Rectangle

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



211, 158, 250



255, 138, 176



106, 195, 168



0, 108, 204

Sweetspot

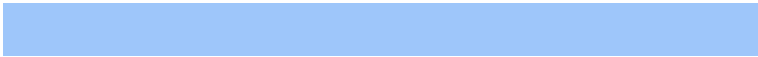
The Sweet Spot groups the original color and five complimentary colors.



211, 158, 250



243, 227, 255



158, 186, 250



120, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 158, 250



207, 143, 255



250, 158, 244



120, 112, 125



109, 0, 189



35, 0, 61

Inverse Universe

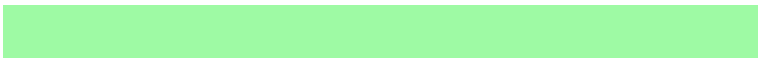
The Inverse Universe completely reimagines the original color for something new.



250, 158, 197



255, 143, 190



158, 244, 250



125, 112, 118



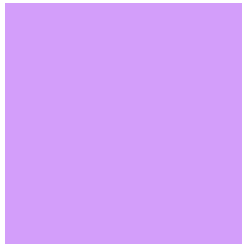
189, 0, 80



61, 0, 26

Previews

White Background



This preview shows how the RYB color 211, 158, 250 looks on a white background.

Color Contrast Check

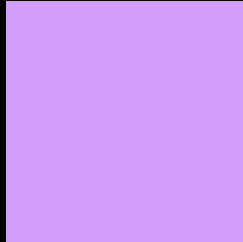
Large Text (above 18pt) WCAG AA × Fail

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 211, 158, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

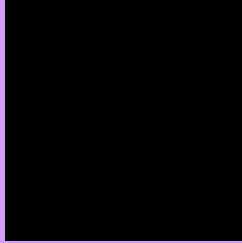
Any Text WCAG AA ✓ Pass

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 211, 158, 250 Background



This preview shows how black text looks on a background with the RYB color 211, 158, 250.



This preview shows how white text looks on a background with the RYB color 211, 158, 250.

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



Original Color
211, 158, 250

Protanopia
154, 173, 255

Deuteranopia
159, 174, 246



Tritanopia
201, 171, 185

Trichromacy



Original Color
211, 158, 250



Protanomaly
175, 170, 253



Deuteranomaly
178, 170, 247



Tritanomaly
205, 166, 209

Monochromacy



Original Color
211, 158, 250



Achromatopsia
184, 184, 184



Achromatomaly
194, 175, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 158, 250 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(211, 158, 250)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 250)  
}
```

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(211, 158, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 250) }
```

Border

The CSS property to change the border of an element to RYB 211, 158, 250 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(211, 158, 250) }
```

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

```
.border{ border-color:rgb(211, 158, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 158, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 250);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 211, 158, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 250) }
```

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

```
.background{ background-color: rgb(211,  
158, 250) }
```

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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