

Converting Colors

RGB(209, 159, 232)

Have a look what the booklet for
RGB(209, 159, 232) contains.

RGB(209, 159, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(209, 159, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D19FE8
RGB	209, 159, 232
RGB Percent	82%, 62%, 91%
CMY	0.1804, 0.3765, 0.0902
CMYK	0.10, 0.31, 0.00, 0.09
HSL	281°, 61%, 77%
HSV	281°, 31%, 91%
XYZ	53.2581, 44.1778, 82.0641
YIQ	182.2720, 6.3670, 33.3030

Conversions

Conversions Part 2

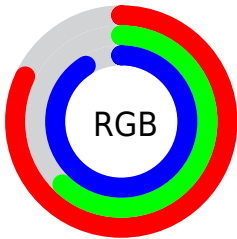
Format	Color
R_{YB}	209, 159, 232
Decimal	13737960
CIE _{Lab}	72.35, 31.40, -29.69
CIE _{LCh}	72, 43.215, 316.610
Yxy	44.1778, 0.2967, 0.2461
Android (android.graphics.Color)	4291928040 (0xFFD19FE8)
YUV	182.2720, 24.5159, 23.4405
Hunter-Lab	66.4664, 26.7122, -26.6772

Details

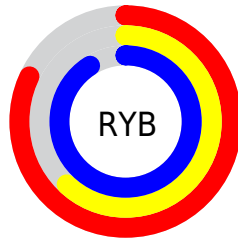
The RGB color **209, 159, 232** is a light color, and the websafe version is hex **CC99CC**, and the color name is **bright ube**. A complement of this color would be **182, 232, 159**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 214, 255**, and **154, 107, 176** is the 20% darker color. If you saturate the color by 10%, you get **202, 136, 232**, and if you desaturate by 10%, it is **216, 182, 232**.

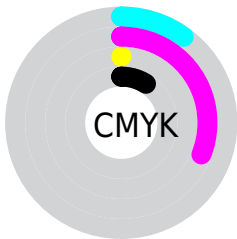
Distribution



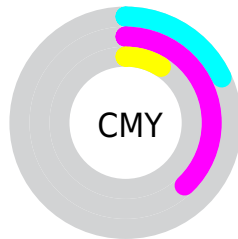
- Red (82%)
- Green (62%)
- Blue (91%)



- Red (82%)
- Yellow (62%)
- Blue (91%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 209, 159, 232 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 RGB color 209, 159, 232 by changing the saturation by 10% instead.


 209, 159, 232

 209, 159, 232

255, 255, 255


 181, 133, 204

 255, 214, 255

 154, 107, 176


 255, 243, 255

 127, 82, 149

 101, 58, 123

 76, 35, 98

 52, 11, 74

 31, 0, 51

 0, 2, 29

 0, 0, 0

 209, 159, 232

 209, 159, 232

 202, 136, 232


 216, 182, 232

 194, 113, 232

 224, 205, 232

 187, 89, 232


 231, 229, 232

 180, 66, 232

 238, 252, 232

 172, 43, 232

 246, 255, 232

 165, 20, 232

 253, 255, 232

 159, 0, 232

 255, 255, 232

Harmonies

Analogous

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



154, 174, 253



209, 159, 232



243, 148, 197

Triad

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



209, 159, 232



218, 169, 100



0, 198, 199

Complementary

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



209, 159, 232



182, 232, 159

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.



81, 197, 158



209, 159, 232



181, 182, 100

Square

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



209, 159, 232



244, 155, 122



136, 192, 122



0, 195, 234

Rectangle

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



209, 159, 232



253, 146, 170



136, 192, 122



21, 198, 185

Sweetspot

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



209, 159, 232



248, 232, 255



159, 182, 232



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 159, 232



224, 158, 255



232, 159, 219



111, 103, 115



122, 0, 179



35, 0, 51

Inverse Universe

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



232, 159, 182



255, 158, 189



159, 232, 172



115, 103, 107



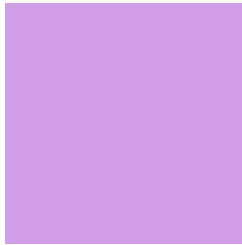
179, 0, 56



51, 0, 16

Previews

White Background



This preview shows how the RGB color 209, 159, 232 looks on a white background.

Color Contrast Check

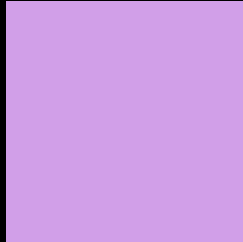
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 209, 159, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

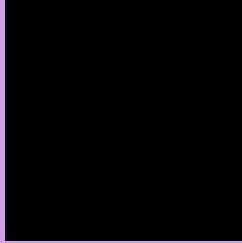
Any Text WCAG AA ✓ Pass

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](#).

RGB 209, 159, 232 Background



This preview shows how black text looks on a background with the RGB color 209, 159, 232.

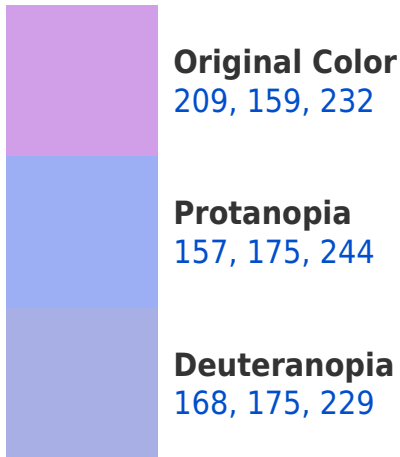


This preview shows how white text looks on a background with the RGB color 209, 159, 232.

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, 169, 182

Trichromacy



Original Color

209, 159, 232



Protanomaly

176, 169, 240



Deuteranomaly

183, 169, 230



Tritanomaly

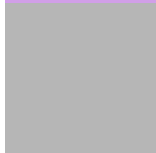
204, 165, 200

Monochromacy



Original Color

209, 159, 232



Achromatopsia

182, 182, 182



Achromatomaly

192, 174, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 159, 232 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(209, 159, 232)` looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 232)  
}
```

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(209, 159, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 232) }
```

Border

The CSS property to change the border of an element to RGB 209, 159, 232 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(209, 159, 232) }
```

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

```
.border{ border-color:rgb(209, 159, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 159, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 159, 232);  
box-shadow:4px 4px 4px 4px rgb(209, 159,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 209, 159, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 232) }
```

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

```
.background{ background-color: rgb(209,  
159, 232) }
```

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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