

Converting Colors

RGB(209, 164, 231)

Have a look what the booklet for
RGB(209, 164, 231) contains.

RGB(209, 164, 231)	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, 164, 231)

Conversions

Conversions Part 1

Format	Color
Hex	D1A4E7
RGB	209, 164, 231
RGB Percent	82%, 64%, 91%
CMY	0.1804, 0.3569, 0.0941
CMYK	0.10, 0.29, 0.00, 0.09
HSL	280°, 58%, 77%
HSV	280°, 29%, 91%
XYZ	53.9938, 45.8758, 81.6104
YIQ	185.0930, 5.3130, 30.3770

Conversions

Conversions Part 2

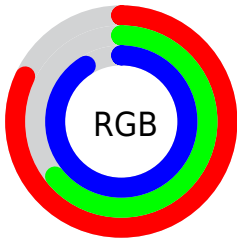
Format	Color
R _Y B	209, 164, 231
Decimal	13739239
CIE Lab	73.46, 28.48, -27.42
CIE LCh	73, 39.534, 316.078
Yxy	45.8758, 0.2975, 0.2528
Android (android.graphics.Color)	4291929319 (0xFFD1A4E7)
YUV	185.0930, 22.6322, 20.9664
Hunter-Lab	67.7316, 23.7648, -24.0269

Details

The RGB color **209, 164, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186, 231, 164**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 219, 255**, and **154, 112, 175** is the 20% darker color. If you saturate the color by 10%, you get **201, 141, 231**, and if you desaturate by 10%, it is **217, 187, 231**.

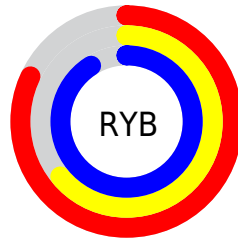
Distribution



Red (82%)

Green (64%)

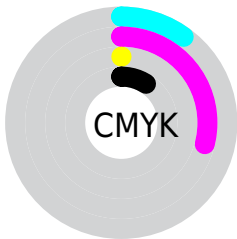
Blue (91%)



Red (82%)

Yellow (64%)

Blue (91%)

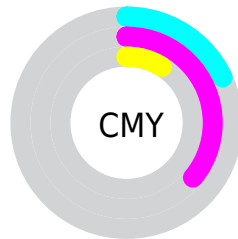


Cyan (10%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (36%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 209, 164, 231 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, 164, 231 by changing the saturation by 10% instead.

 209, 164, 231

 209, 164, 231

255, 255, 255

 181, 137, 203

 255, 219, 255

 154, 112, 175


 255, 248, 255

 127, 87, 148

 102, 63, 122

 77, 40, 97

 52, 17, 73


 31, 0, 50

 0, 1, 29

 0, 0, 0

 209, 164, 231

 209, 164, 231

 201, 141, 231


 217, 187, 231

 194, 118, 231


 224, 210, 231

 186, 95, 231


 232, 233, 231

 179, 72, 231

 239, 255, 231

 171, 49, 231

 247, 255, 231

 163, 25, 231

 255, 255, 231

 156, 2, 231

 255, 255, 231

 155, 0, 231

Harmonies

Analogous

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



160, 177, 250



209, 164, 231



240, 154, 199

Triad

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



209, 164, 231



219, 172, 110



43, 200, 199

Complementary

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



209, 164, 231



186, 231, 164

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.



97, 199, 162



209, 164, 231



185, 184, 110

Square

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



209, 164, 231



243, 160, 130



144, 194, 129



30, 197, 232

Rectangle

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



209, 164, 231



250, 152, 174



144, 194, 129



62, 200, 187

Sweetspot

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



209, 164, 231



247, 232, 255



164, 186, 231



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 164, 231



226, 166, 255



231, 164, 220



111, 103, 115



120, 0, 179



34, 0, 51

Inverse Universe

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



231, 164, 186



255, 166, 195



164, 231, 175



115, 103, 107



179, 0, 59



51, 0, 17

Previews

White Background



This preview shows how the RGB color 209, 164, 231 looks on a white background.

Color Contrast Check

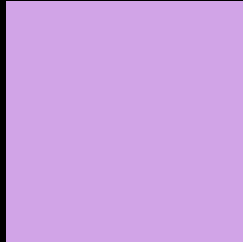
Large Text (above 18pt) WCAG AA × Fail

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, 164, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

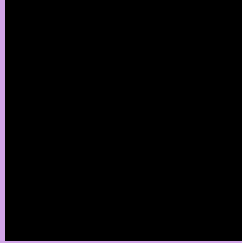
Any Text WCAG AA ✓ Pass

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, 164, 231 Background



This preview shows how black text looks on a background with the RGB color 209, 164, 231.




This preview shows how white text looks on a background with the RGB color 209, 164, 231.

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
202, 173, 186

Trichromacy



Original Color

209, 164, 231



Protanomaly

180, 173, 238



Deuteranomaly

186, 172, 229



Tritanomaly

205, 170, 202

Monochromacy



Original Color

209, 164, 231



Achromatopsia

185, 185, 185



Achromatomaly

194, 177, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 164, 231 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, 164, 231)` looks like.

```
.text, #text, p{  
    color:rgb(209, 164, 231)  
}
```

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, 164, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 164, 231) }
```

Border

The CSS property to change the border of an element to RGB 209, 164, 231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

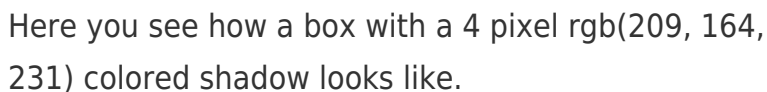
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 164, 231) }
```

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

```
.border{ border-color:rgb(209, 164, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 164, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 164, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 164, 231); box-shadow:4px 4px 4px 4px rgb(209, 164, 231) }
```

Background

The CSS property to change the background color of an element to RGB 209, 164, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 164, 231) }
```

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

```
.background{ background-color: rgb(209,  
164, 231) }
```

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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