

Converting Colors

RGB(214, 149, 232)

Have a look what the booklet for
RGB(214, 149, 232) contains.

RGB(214, 149, 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(214, 149, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D695E8
RGB	214, 149, 232
RGB Percent	84%, 58%, 91%
CMY	0.1608, 0.4157, 0.0902
CMYK	0.08, 0.36, 0.00, 0.09
HSL	287°, 64%, 75%
HSV	287°, 36%, 91%
XYZ	53.0445, 41.6172, 81.5811
YIQ	177.8970, 12.0970, 39.5930

Conversions

Conversions Part 2

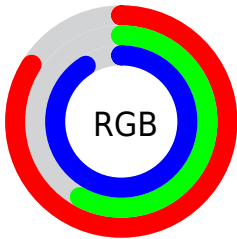
Format	Color
RYB	214, 149, 232
Decimal	14063080
CIELab	70.61, 38.36, -32.33
CIELCh	71, 50.164, 319.872
Yxy	41.6172, 0.3010, 0.2361
Android (android.graphics.Color)	4292253160 (0xFFD695E8)
YUV	177.8970, 26.6728, 31.6623
Hunter-Lab	64.5114, 33.8766, -29.8201

Details

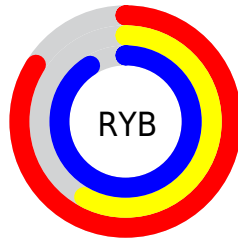
The RGB color **214, 149, 232** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **167, 232, 149**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 204, 255**, and **158, 97, 176** is the 20% darker color. If you saturate the color by 10%, you get **209, 126, 232**, and if you desaturate by 10%, it is **219, 172, 232**.

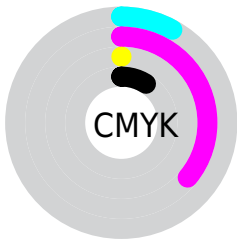
Distribution



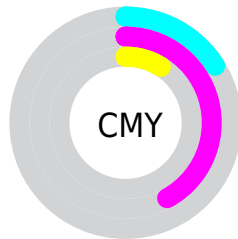
- Red (84%)
- Green (58%)
- Blue (91%)



- Red (84%)
- Yellow (58%)
- Blue (91%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)




- Cyan (16%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 149, 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 214, 149, 232 by changing the saturation by 10% instead.

 214, 149, 232

 214, 149, 232


255, 255, 255

 186, 123, 204

 255, 204, 255

 158, 97, 176

 255, 232, 255

 131, 72, 149

 105, 47, 123


 79, 22, 98

 54, 0, 74

 34, 0, 51

 0, 2, 29

 0, 0, 0

 214, 149, 232

 214, 149, 232

 209, 126, 232


 219, 172, 232

 204, 103, 232


 224, 195, 232

 199, 79, 232

 229, 219, 232

 194, 56, 232

 234, 242, 232

 189, 33, 232

 239, 255, 232

 184, 10, 232

 244, 255, 232

 182, 0, 232

 249, 255, 232

 254, 255, 232

 255, 255, 232

Harmonies

Analogous

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



151, 167, 255



214, 149, 232



250, 136, 190

Triad

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



214, 149, 232



213, 165, 81



0, 196, 202

Complementary

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



214, 149, 232



167, 232, 149

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.



25, 195, 155



214, 149, 232



170, 179, 83

Square

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



214, 149, 232



245, 148, 105



117, 190, 112



0, 192, 241

Rectangle

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



214, 149, 232



255, 134, 159



117, 190, 112



0, 196, 187

Sweetspot

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



214, 149, 232



249, 227, 255



149, 168, 232



124, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 149, 232



231, 145, 255



232, 149, 210



112, 103, 115



140, 0, 179



40, 0, 51

Inverse Universe

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



232, 149, 167



255, 145, 169



149, 232, 171



115, 103, 106



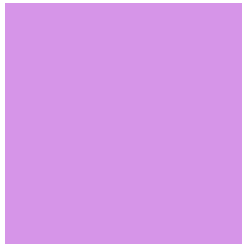
179, 0, 39



51, 0, 11

Previews

White Background



This preview shows how the RGB color 214, 149, 232 looks on a white background.

Color Contrast Check

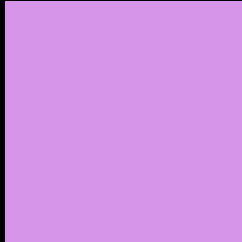
Large Text (above 18pt) WCAG AA × Fail

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 214, 149, 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 214, 149, 232 Background



This preview shows how black text looks on a background with the RGB color 214, 149, 232.

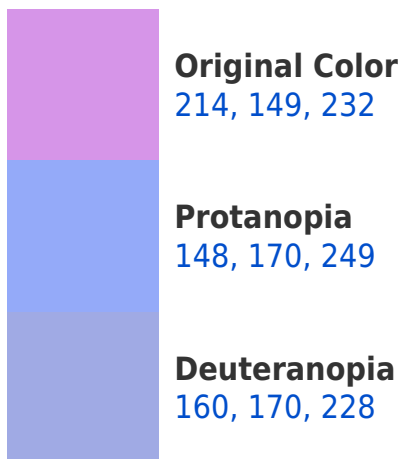



This preview shows how white text looks on a background with the RGB color 214, 149, 232.

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
206, 161, 173

Trichromacy



Original Color

214, 149, 232



Protanomaly

172, 162, 243



Deuteranomaly

180, 162, 229



Tritanomaly

209, 157, 194

Monochromacy



Original Color

214, 149, 232



Achromatopsia

178, 178, 178



Achromatomaly

191, 167, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 149, 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(214, 149, 232)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 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(214, 149, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 232) }
```

Border

The CSS property to change the border of an element to RGB 214, 149, 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(214, 149, 232) }
```

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

```
.border{ border-color:rgb(214, 149, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 232);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 214, 149, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 232) }
```

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

```
.background{ background-color: rgb(214,  
149, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor