

Converting Colors

RGB(214, 134, 239)

Have a look what the booklet for
RGB(214, 134, 239) contains.

RGB(214, 134, 239)	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, 134, 239)

Conversions

Conversions Part 1

Format	Color
Hex	D686EF
RGB	214, 134, 239
RGB Percent	84%, 53%, 94%
CMY	0.1608, 0.4745, 0.0627
CMYK	0.10, 0.44, 0.00, 0.06
HSL	286°, 77%, 73%
HSV	286°, 44%, 94%
XYZ	51.8366, 37.5783, 86.1826
YIQ	169.8900, 13.9750, 49.6150

Conversions

Conversions Part 2

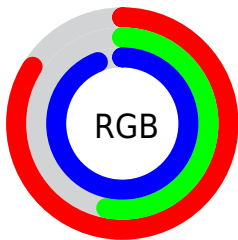
Format	Color
R_{YB}	214, 134, 239
Decimal	14059247
CIE _{Lab}	67.71, 47.70, -40.68
CIE _{LCh}	68, 62.688, 319.540
Yxy	37.5783, 0.2952, 0.2140
Android (android.graphics.Color)	4292249327 (0xFFD686EF)
YUV	169.8900, 34.0712, 38.6845
Hunter-Lab	61.3012, 43.6636, -40.4443

Details

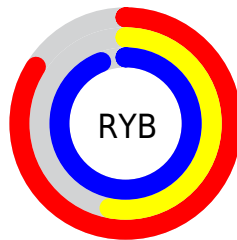
The RGB color **214, 134, 239** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **159, 239, 134**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 189, 255**, and **157, 82, 183** is the 20% darker color. If you saturate the color by 10%, you get **208, 110, 239**, and if you desaturate by 10%, it is **220, 158, 239**.

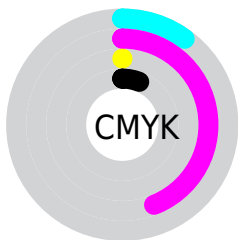
Distribution



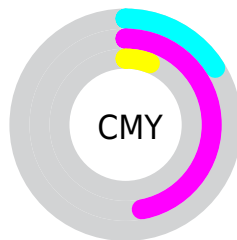
- Red (84%)
- Green (53%)
- Blue (94%)



- Red (84%)
- Yellow (53%)
- Blue (94%)



- Cyan (10%)
- Magenta (44%)
- Yellow (0%)
- Black (6%)




- Cyan (16%)
- Magenta (47%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the RGB color 214, 134, 239 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, 134, 239 by changing the saturation by 10% instead.


 214, 134, 239

255, 255, 255

 255, 189, 255


 255, 217, 255

 255, 246, 255

 214, 134, 239

 185, 107, 210

 157, 82, 183

 130, 56, 155

 103, 29, 129

 77, 0, 103

 51, 0, 79

 29, 0, 55

 0, 2, 33

 0, 0, 5

■ 214, 134, 239

■ 214, 134, 239

■ 208, 110, 239

■ 220, 158, 239

■ 203, 86, 239

■ 225, 182, 239

■ 197, 62, 239

■ 231, 206, 239

■ 191, 38, 239

■ 237, 230, 239

■ 186, 15, 239

■ 242, 253, 239

■ 182, 0, 239

■ 248, 255, 239

■ 254, 255, 239

■ 255, 255, 239

Harmonies

Analogous

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



130, 158, 255



214, 134, 239



255, 115, 187

Triad

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



214, 134, 239



211, 155, 45



0, 192, 201

Complementary

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



214, 134, 239



159, 239, 134

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, 191, 143



214, 134, 239



159, 173, 48

Square

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



214, 134, 239



250, 133, 80



90, 185, 88



0, 188, 250

Rectangle

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



214, 134, 239



255, 112, 149



90, 185, 88



0, 192, 182

Sweetspot

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



214, 134, 239



247, 222, 255



134, 160, 239



123, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 134, 239



223, 120, 255



239, 134, 213



117, 108, 120



140, 0, 184



43, 0, 56

Inverse Universe

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



239, 134, 159



255, 120, 152



134, 239, 160



120, 108, 111



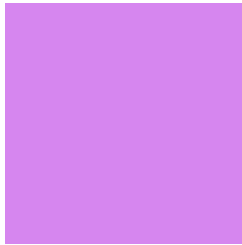
184, 0, 44



56, 0, 13

Previews

White Background



This preview shows how the RGB color 214, 134, 239 looks on a white background.

Color Contrast Check

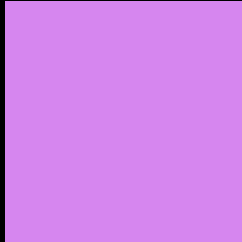
Large Text (above 18pt) WCAG AA × Fail

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, 134, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

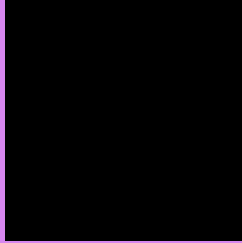
Any Text WCAG AA ✓ Pass

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, 134, 239 Background



This preview shows how black text looks on a background with the RGB color 214, 134, 239.

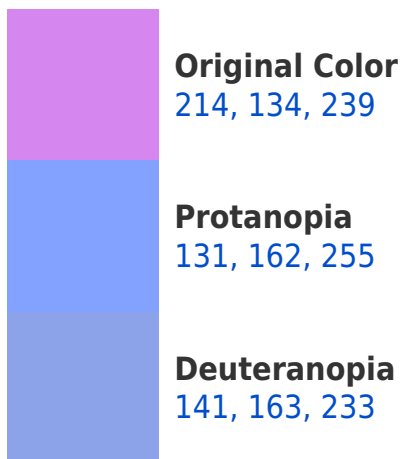



This preview shows how white text looks on a background with the RGB color 214, 134, 239.

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
203, 151, 163

Trichromacy



Original Color

214, 134, 239



Protanomaly

161, 152, 249



Deuteranomaly

168, 152, 235



Tritanomaly

207, 145, 191

Monochromacy



Original Color

214, 134, 239



Achromatopsia

170, 170, 170



Achromatomaly

186, 157, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 134, 239 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, 134, 239) looks like.

```
.text, #text, p{  
    color:rgb(214, 134, 239)  
}
```

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, 134, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 134, 239) }
```

Border

The CSS property to change the border of an element to RGB 214, 134, 239 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, 134, 239) }
```

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

```
.border{ border-color:rgb(214, 134, 239) }
```

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

Here you see how a box with a 4 pixel rgb(214, 134, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 134, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 134, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 134,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 214, 134, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 134, 239) }
```

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

```
.background{ background-color: rgb(214,  
134, 239) }
```

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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