

Converting Colors

RGB(214, 135, 178)

Have a look what the booklet for
RGB(214, 135, 178) contains.

RGB(214, 135, 178)	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, 135, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D687B2
RGB	214, 135, 178
RGB Percent	84%, 53%, 70%
CMY	0.1608, 0.4706, 0.3020
CMYK	0.00, 0.37, 0.17, 0.16
HSL	327°, 49%, 68%
HSV	327°, 37%, 84%
XYZ	44.4314, 34.8384, 46.5022
YIQ	163.5230, 33.2810, 30.1210

Conversions

Conversions Part 2

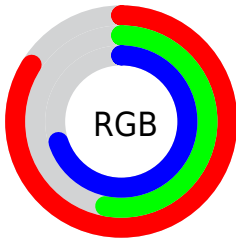
Format	Color
RYB	214, 135, 178
Decimal	14059442
CIELab	65.62, 36.23, -9.89
CIELCh	66, 37.552, 344.736
Yxy	34.8384, 0.3533, 0.2770
Android (android.graphics.Color)	4292249522 (0xFFD687B2)
YUV	163.5230, 7.1372, 44.2683
Hunter-Lab	59.0241, 31.0768, -5.3948

Details

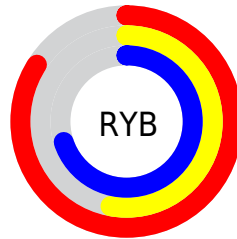
The RGB color **214, 135, 178** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **135, 214, 171**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 189, 234**, and **158, 83, 125** is the 20% darker color. If you saturate the color by 10%, you get **214, 114, 168**, and if you desaturate by 10%, it is **214, 156, 188**.

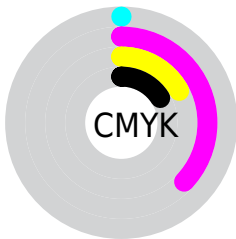
Distribution



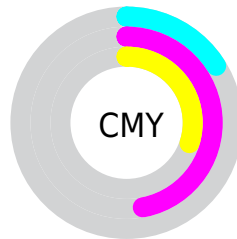
- Red (84%)
- Green (53%)
- Blue (70%)



- Red (84%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 135, 178 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, 135, 178 by changing the saturation by 10% instead.

 214, 135, 178

 214, 135, 178


255, 255, 255

 186, 109, 151

 255, 189, 234

 158, 83, 125

 255, 218, 255

 131, 59, 100

 255, 246, 255

 104, 34, 76


 79, 6, 54


 54, 0, 32

 30, 0, 6

 0, 0, 0

 214, 135, 178

 214, 135, 178

 214, 114, 168

 214, 156, 188

 214, 92, 158

 214, 178, 198

 214, 71, 149


 214, 199, 207

 214, 49, 139


 214, 221, 217

 214, 28, 129

 214, 242, 227

 214, 7, 119

 214, 255, 237

 214, 0, 116

 214, 255, 246

 214, 255, 255

Harmonies

Analogous

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



184, 145, 207



214, 135, 178



225, 133, 144

Triad

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



214, 135, 178



165, 163, 93



0, 175, 206

Complementary

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



214, 135, 178



135, 214, 171

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.



22, 177, 175



214, 135, 178



127, 171, 110

Square

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



214, 135, 178



196, 151, 94



83, 176, 141



77, 168, 224

Rectangle

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



214, 135, 178



222, 137, 123



83, 176, 141



0, 176, 197

Sweetspot

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



214, 135, 178



255, 227, 242



171, 135, 214



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



214, 135, 178



255, 143, 204



214, 135, 139



107, 96, 102



171, 0, 93



43, 0, 24

Inverse Universe

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



214, 135, 178



255, 143, 204



135, 214, 210



107, 96, 102



171, 0, 93



43, 0, 24

Previews

White Background



This preview shows how the RGB color 214, 135, 178 looks on a white background.

Color Contrast Check

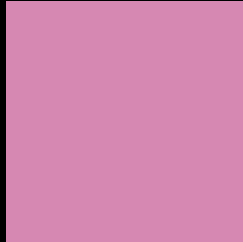
Large Text (above 18pt) WCAG AA × Fail

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, 135, 178 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, 135, 178 Background



This preview shows how black text looks on a background with the RGB color 214, 135, 178.

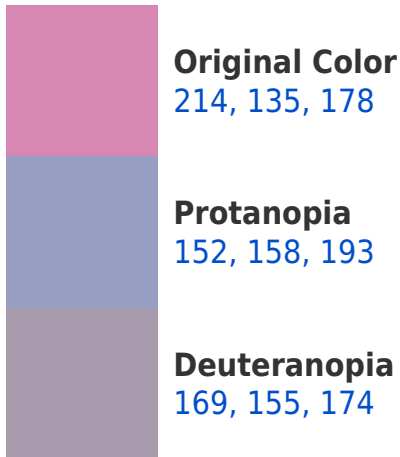


This preview shows how white text looks on a background with the RGB color 214, 135, 178.

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
211, 140, 151

Trichromacy



Original Color

214, 135, 178



Protanomaly

175, 150, 188



Deuteranomaly

185, 148, 175



Tritanomaly

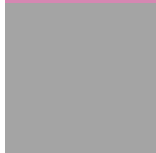
212, 138, 161

Monochromacy



Original Color

214, 135, 178



Achromatopsia

164, 164, 164



Achromatomaly

182, 153, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 135, 178 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, 135, 178) looks like.

```
.text, #text, p{  
    color:rgb(214, 135, 178)  
}
```

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, 135, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 135, 178) }
```

Border

The CSS property to change the border of an element to RGB 214, 135, 178 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, 135, 178) }
```

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

```
.border{ border-color:rgb(214, 135, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 135, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 135, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 135, 178);  
box-shadow:4px 4px 4px 4px rgb(214, 135,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 214, 135, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 135, 178) }
```

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

```
.background{ background-color: rgb(214,  
135, 178) }
```

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