

Converting Colors

RGB(214, 136, 175)

Have a look what the booklet for
RGB(214, 136, 175) contains.

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Color

RGB(214, 136, 175)

Conversions

Conversions Part 1

Format	Color
Hex	D688AF
RGB	214, 136, 175
RGB Percent	84%, 53%, 69%
CMY	0.1608, 0.4667, 0.3137
CMYK	0.00, 0.36, 0.18, 0.16
HSL	330°, 49%, 69%
HSV	330°, 36%, 84%
XYZ	44.2736, 34.9996, 44.9796
YIQ	163.7680, 33.9690, 28.6650

Conversions

Conversions Part 2

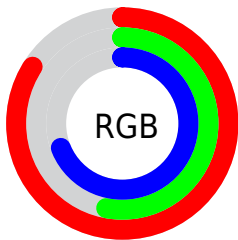
Format	Color
RYB	214, 136, 175
Decimal	14059695
CIELab	65.75, 35.23, -8.01
CIELCh	66, 36.125, 347.194
Yxy	34.9996, 0.3563, 0.2817
Android (android.graphics.Color)	4292249775 (0xFFD688AF)
YUV	163.7680, 5.5374, 44.0535
Hunter-Lab	59.1605, 30.0522, -3.6657

Details

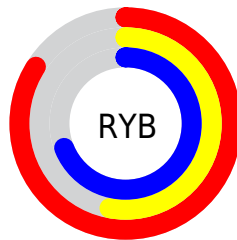
The RGB color **214, 136, 175** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **136, 214, 175**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 190, 231**, and **158, 84, 123** is the 20% darker color. If you saturate the color by 10%, you get **214, 115, 164**, and if you desaturate by 10%, it is **214, 157, 186**.

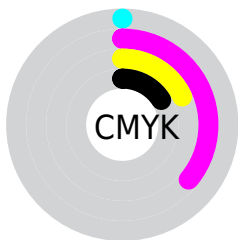
Distribution



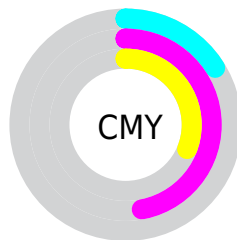
- Red (84%)
- Green (53%)
- Blue (69%)



- Red (84%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 136, 175 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, 136, 175 by changing the saturation by 10% instead.

 214, 136, 175

 214, 136, 175


255, 255, 255

 186, 110, 148

 255, 190, 231

 158, 84, 123

 255, 219, 255

 131, 60, 98

 255, 247, 255


 104, 35, 74


 79, 8, 51


 54, 0, 30

 30, 0, 2

 0, 0, 0


 214, 136, 175

 214, 136, 175

 214, 115, 164

 214, 157, 186

 214, 93, 154

 214, 179, 196

 214, 72, 143


 214, 200, 207

 214, 50, 132

 214, 222, 218

 214, 29, 122

 214, 243, 229

 214, 8, 111

 214, 255, 239

 214, 0, 107

 214, 255, 250

 214, 255, 255

Harmonies

Analogous

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



187, 145, 204



214, 136, 175



223, 135, 142

Triad

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



214, 136, 175



162, 164, 97



28, 174, 206

Complementary

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



214, 136, 175



136, 214, 175

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.



35, 177, 178



214, 136, 175



126, 172, 115

Square

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



214, 136, 175



193, 153, 97



84, 176, 144



88, 167, 222

Rectangle

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



214, 136, 175



219, 139, 122



84, 176, 144



13, 175, 198

Sweetspot

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



214, 136, 175



255, 227, 241



175, 136, 214



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



214, 136, 175



255, 143, 199



214, 136, 136



107, 96, 102



171, 0, 85



43, 0, 22

Inverse Universe

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



214, 136, 175



255, 143, 199



136, 214, 214



107, 96, 102



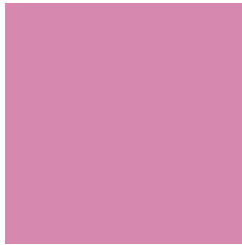
171, 0, 85



43, 0, 22

Previews

White Background



This preview shows how the RGB color 214, 136, 175 looks on a white background.

Color Contrast Check

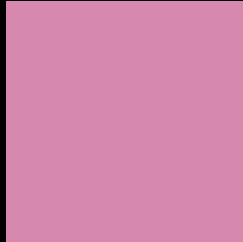
Large Text (above 18pt) WCAG AA × Fail

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, 136, 175 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, 136, 175 Background



This preview shows how black text looks on a background with the RGB color 214, 136, 175.

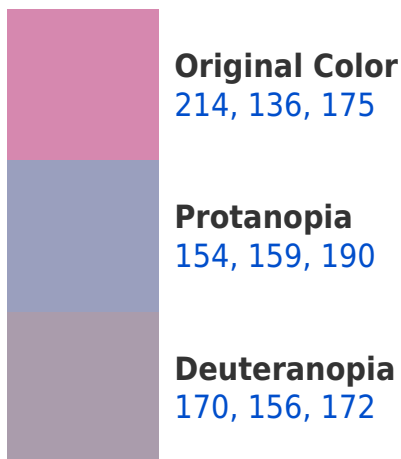


This preview shows how white text looks on a background with the RGB color 214, 136, 175.

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, 136, 175

Protanomaly
176, 151, 185

Deuteranomaly
186, 149, 173

Tritanomaly
212, 139, 160

Monochromacy



Original Color
214, 136, 175

Achromatopsia
164, 164, 164

Achromatomaly
182, 154, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 136, 175 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, 136, 175) looks like.

```
.text, #text, p{  
    color:rgb(214, 136, 175)  
}
```

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, 136, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 136, 175) }
```

Border

The CSS property to change the border of an element to RGB 214, 136, 175 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, 136, 175) }
```

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

```
.border{ border-color:rgb(214, 136, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 136, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 136, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 136, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 136,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 214, 136, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 136, 175) }
```

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

```
.background{ background-color: rgb(214,  
136, 175) }
```

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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