

Converting Colors

RGB(215, 142, 200)

Have a look what the booklet for
RGB(215, 142, 200) contains.

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Color

RGB(215, 142, 200)

Conversions

Conversions Part 1

Format	Color
Hex	D78EC8
RGB	215, 142, 200
RGB Percent	84%, 56%, 78%
CMY	0.1569, 0.4431, 0.2157
CMYK	0.00, 0.34, 0.07, 0.16
HSL	312°, 48%, 70%
HSV	312°, 34%, 84%
XYZ	48.1227, 37.9632, 59.4349
YIQ	170.4390, 24.8900, 33.5140

Conversions

Conversions Part 2

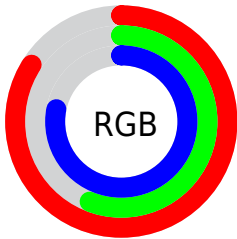
Format	Color
R _Y B	215, 142, 200
Decimal	14126792
CIE Lab	67.99, 36.47, -18.64
CIE LCh	68, 40.956, 332.934
Yxy	37.9632, 0.3307, 0.2609
Android (android.graphics.Color)	4292316872 (0xFFD78EC8)
YUV	170.4390, 14.5736, 39.0800
Hunter-Lab	61.6143, 31.5890, -14.0628

Details

The RGB color **215, 142, 200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 215, 157**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 197, 255**, and **159, 90, 146** is the 20% darker color. If you saturate the color by 10%, you get **215, 121, 196**, and if you desaturate by 10%, it is **215, 164, 204**.

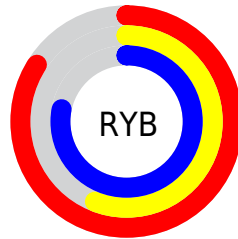
Distribution



Red (84%)

Green (56%)

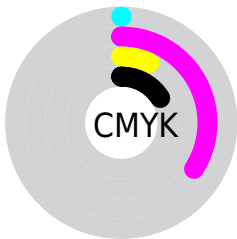
Blue (78%)



Red (84%)

Yellow (56%)

Blue (78%)

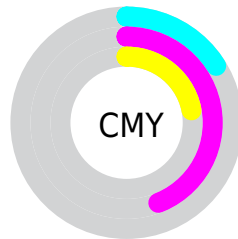


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 215, 142, 200 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 215, 142, 200 by changing the saturation by 10% instead.

 215, 142, 200

 215, 142, 200

255, 255, 255

 187, 116, 173

 255, 197, 255

 159, 90, 146

 255, 225, 255

 132, 65, 120

255, 254, 255

 106, 41, 95

 80, 15, 71

 56, 0, 49

 35, 0, 28

 0, 0, 0

 215, 142, 200

 215, 142, 200

■ 215, 121, 196

■ 215, 164, 204

■ 215, 99, 191

■ 215, 185, 209

■ 215, 78, 187

■ 215, 207, 213

■ 215, 56, 182

■ 215, 228, 218

■ 215, 35, 178

■ 215, 250, 222

■ 215, 13, 173

■ 215, 255, 227

■ 215, 0, 171

■ 215, 255, 231

■ 215, 255, 235

■ 215, 255, 240

Harmonies

Analogous

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



174, 155, 228



215, 142, 200



235, 136, 163

Triad

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



215, 142, 200



186, 165, 91



0, 184, 205

Complementary

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



215, 142, 200



142, 215, 157

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.



36, 185, 168



215, 142, 200



147, 175, 102

Square

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



215, 142, 200



216, 152, 101



101, 182, 131



25, 178, 231

Rectangle

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



215, 142, 200



237, 138, 139



101, 182, 131



0, 185, 193

Sweetspot

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



215, 142, 200



255, 230, 250



157, 142, 215



128, 112, 124



0, 0, 0



128, 128, 128

Same Dimension

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



215, 142, 200



255, 150, 234



215, 142, 164



107, 96, 105



171, 0, 136



43, 0, 34

Inverse Universe

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



215, 142, 200



255, 150, 234



142, 215, 193



107, 96, 105



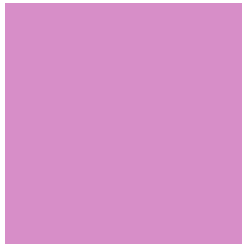
171, 0, 136



43, 0, 34

Previews

White Background



This preview shows how the RGB color 215, 142, 200 looks on a white background.

Color Contrast Check

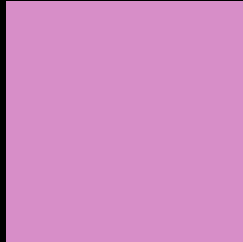
Large Text (above 18pt) WCAG AA × Fail

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 215, 142, 200 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 215, 142, 200 Background



This preview shows how black text looks on a background with the RGB color 215, 142, 200.



This preview shows how white text looks on a background with the RGB color 215, 142, 200.

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



Original Color
215, 142, 200

Protanopia
152, 164, 216

Deuteranopia
167, 162, 196



Tritanopia
210, 150, 161

Trichromacy



Original Color

215, 142, 200



Protanomaly

175, 156, 210



Deuteranomaly

184, 155, 197



Tritanomaly

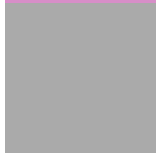
212, 147, 175

Monochromacy



Original Color

215, 142, 200



Achromatopsia

170, 170, 170



Achromatomaly

186, 160, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 142, 200 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(215, 142, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 142, 200)  
}
```

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(215, 142, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 142, 200) }
```

Border

The CSS property to change the border of an element to RGB 215, 142, 200 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(215, 142, 200) }
```

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

```
.border{ border-color:rgb(215, 142, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 142, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 142, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 142, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 142,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 215, 142, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 142, 200) }
```

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

```
.background{ background-color: rgb(215,  
142, 200) }
```

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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