

Converting Colors

RGB(215, 132, 200)

Have a look what the booklet for
RGB(215, 132, 200) contains.

RGB(215, 132, 200)	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(215, 132, 200)

Conversions

Conversions Part 1

Format	Color
Hex	D784C8
RGB	215, 132, 200
RGB Percent	84%, 52%, 78%
CMY	0.1569, 0.4824, 0.2157
CMYK	0.00, 0.39, 0.07, 0.16
HSL	311°, 51%, 68%
HSV	311°, 39%, 84%
XYZ	46.7009, 35.1197, 58.9610
YIQ	164.5690, 27.6400, 38.7440

Conversions

Conversions Part 2

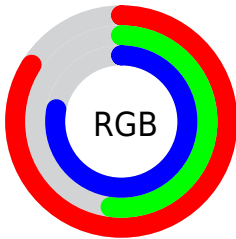
Format	Color
RYB	215, 132, 200
Decimal	14124232
CIELab	65.84, 41.78, -21.91
CIELCh	66, 47.177, 332.327
Yxy	35.1197, 0.3317, 0.2495
Android (android.graphics.Color)	4292314312 (0xFFD784C8)
YUV	164.5690, 17.4675, 44.2280
Hunter-Lab	59.2619, 36.9573, -17.5056

Details

The RGB color **215, 132, 200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 215, 147**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 187, 255**, and **159, 80, 146** is the 20% darker color. If you saturate the color by 10%, you get **215, 111, 196**, and if you desaturate by 10%, it is **215, 154, 204**.

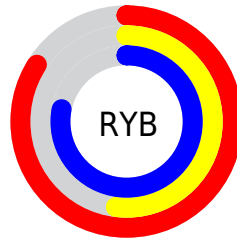
Distribution



Red (84%)

Green (52%)

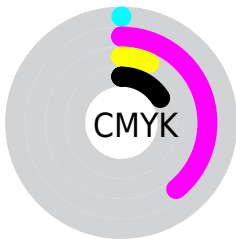
Blue (78%)



Red (84%)

Yellow (52%)

Blue (78%)

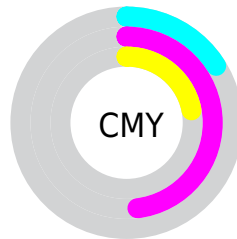


Cyan (0%)

Magenta (39%)

Yellow (7%)

Black (16%)



Cyan (16%)

Magenta (48%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 132, 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, 132, 200 by changing the saturation by 10% instead.

 215, 132, 200

 215, 132, 200

255, 255, 255

 187, 106, 173

 255, 187, 255

 159, 80, 146

 255, 215, 255

 132, 55, 120

 255, 244, 255

 105, 29, 95

 79, 0, 71

 55, 0, 49

 31, 0, 27

 0, 0, 0

 215, 132, 200

 215, 132, 200

 215, 111, 196


 215, 154, 204

 215, 89, 192

 215, 175, 208

 215, 68, 188


 215, 197, 212

 215, 46, 184


 215, 218, 216

 215, 24, 181

 215, 240, 219

 215, 3, 177

 215, 255, 223

 215, 0, 176

 215, 255, 227

 215, 255, 231

 215, 255, 235

Harmonies

Analogous

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



167, 148, 232



215, 132, 200



238, 124, 158

Triad

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



215, 132, 200



182, 159, 73



0, 180, 204

Complementary

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



215, 132, 200



132, 215, 147

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, 182, 162



215, 132, 200



138, 171, 86

Square

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



215, 132, 200



216, 144, 85



83, 178, 119



0, 175, 234

Rectangle

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



215, 132, 200



240, 126, 130



83, 178, 119



0, 181, 191

Sweetspot

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



215, 132, 200



255, 224, 249



146, 132, 215



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



215, 132, 200



255, 138, 234



215, 132, 160



107, 96, 105



171, 0, 140



43, 0, 36

Inverse Universe

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



215, 132, 200



255, 138, 234



132, 215, 187



107, 96, 105



171, 0, 140



43, 0, 36

Previews

White Background



This preview shows how the RGB color 215, 132, 200 looks on a white background.

Color Contrast Check

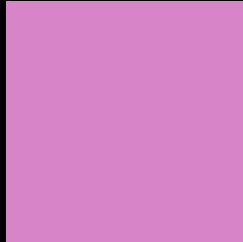
Large Text (above 18pt) WCAG AA × Fail

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, 132, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

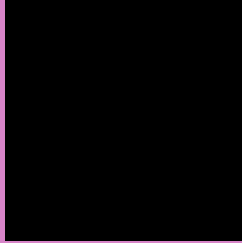
Any Text WCAG AA ✓ Pass

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, 132, 200 Background



This preview shows how black text looks on a background with the RGB color 215, 132, 200.



This preview shows how white text looks on a background with the RGB color 215, 132, 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, 132, 200

Protanopia
143, 158, 219

Deuteranopia
158, 157, 195



Tritanopia
209, 142, 152

Trichromacy



Original Color

215, 132, 200



Protanomaly

169, 149, 212



Deuteranomaly

179, 148, 197



Tritanomaly

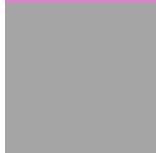
211, 138, 169

Monochromacy



Original Color

215, 132, 200



Achromatopsia

165, 165, 165



Achromatomaly

183, 153, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 132, 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, 132, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 132, 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, 132, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 132, 200) }
```

Border

The CSS property to change the border of an element to RGB 215, 132, 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, 132, 200) }
```

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

```
.border{ border-color:rgb(215, 132, 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, 132, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 132, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 132, 200); box-shadow:4px 4px 4px 4px rgb(215, 132, 200) }
```

Background

The CSS property to change the background color of an element to RGB 215, 132, 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, 132, 200) }
```

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

```
.background{ background-color: rgb(215,  
132, 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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