

Converting Colors

`RYB(214, 128, 183)`

Have a look what the booklet for
RYB(214, 128, 183) contains.

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Color

R_YB(214, 128, 183)

Conversions

Conversions Part 1

Format	Color
Hex	D680B7
RGB	214, 128, 183
RGB Percent	84%, 50%, 72%
CMY	0.1608, 0.4980, 0.2824
CMYK	0.00, 0.40, 0.14, 0.16
HSL	322°, 51%, 67%
HSV	322°, 40%, 84%
XYZ	43.9980, 33.1534, 48.8800
YIQ	159.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

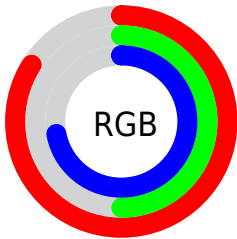
Format	Color
RYB	214, 128, 183
Decimal	14057655
CIELab	64.28, 40.73, -14.72
CIELCh	64, 43.305, 340.132
Yxy	33.1534, 0.3491, 0.2631
Android (android.graphics.Color)	4292247735 (0xFFD680B7)
YUV	159.9840, 11.3469, 47.3720
Hunter-Lab	57.5790, 35.6345, -10.0273

Details

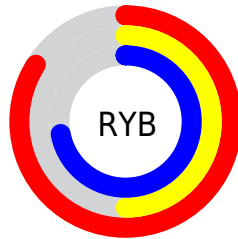
The RYB color **214, 128, 183** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **128, 191, 214**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 182, 239**, and **158, 76, 130** is the 20% darker color. If you saturate the color by 10%, you get **214, 107, 175**, and if you desaturate by 10%, it is **214, 149, 191**.

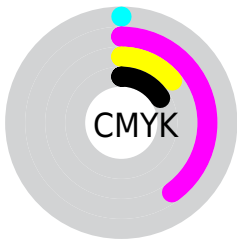
Distribution



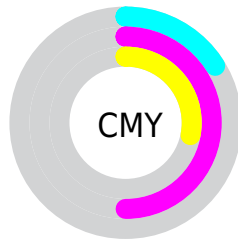
- Red (84%)
- Green (50%)
- Blue (72%)



- Red (84%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (16%)




- Cyan (16%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 128, 183 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 RYB color 214, 128, 183 by changing the saturation by 10% instead.

 214, 128, 183

255, 255, 255

 255, 182, 239


 255, 210, 255

 255, 239, 255

 214, 128, 183

 185, 102, 156

 158, 76, 130

 130, 51, 105


 104, 24, 81


 78, 0, 58


 54, 0, 36


 27, 0, 12

 0, 0, 0

 214, 128, 183

 214, 128, 183

 214, 107, 175

 214, 149, 191

 214, 85, 168

 214, 171, 198

 214, 64, 160

 214, 192, 206

 214, 42, 152

 214, 214, 214

 214, 21, 144

 214, 229, 235

 214, 0, 137

 214, 244, 255

 214, 240, 255

 214, 237, 255

 214, 235, 255

Harmonies

Analogous

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



176, 141, 215



214, 128, 183



229, 124, 144

Triad

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



214, 128, 183



88, 167, 78



0, 94, 205

Complementary

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



214, 128, 183



128, 191, 214

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, 90, 176



214, 128, 183



95, 168, 138

Square

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



214, 128, 183



190, 201, 83



71, 137, 174



0, 96, 228

Rectangle

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



214, 128, 183



228, 129, 119



71, 137, 174



0, 92, 193

Sweetspot

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



214, 128, 183



255, 224, 244



158, 128, 214



128, 110, 121



0, 0, 0



128, 128, 128

Same Dimension

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



214, 128, 183



255, 133, 211



214, 128, 141



107, 96, 103



171, 0, 109



43, 0, 28

Inverse Universe

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



214, 128, 183



255, 133, 211



128, 175, 214



107, 96, 103



171, 0, 109



43, 0, 28

Previews

White Background



This preview shows how the RYB color 214, 128, 183 looks on a white background.

Color Contrast Check

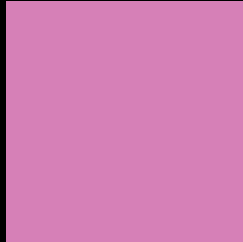
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 214, 128, 183 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](#).

RYB 214, 128, 183 Background



This preview shows how black text looks on a background with the RYB color 214, 128, 183.

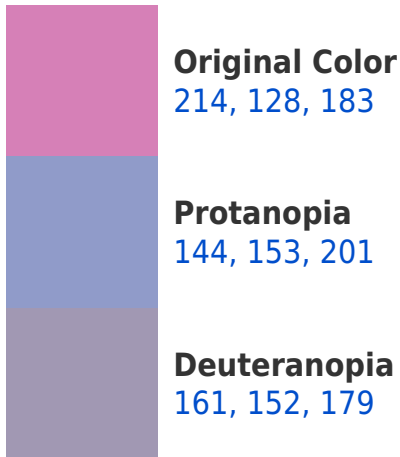


This preview shows how white text looks on a background with the RYB color 214, 128, 183.

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
210, 135, 145

Trichromacy



Original Color

214, 128, 183



Protanomaly

169, 145, 194



Deuteranomaly

180, 143, 180



Tritanomaly

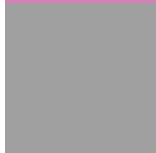
211, 132, 159

Monochromacy



Original Color

214, 128, 183



Achromatopsia

160, 160, 160



Achromatomaly

180, 148, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 128, 183 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, 128, 183) looks like.

```
.text, #text, p{  
    color:rgb(214, 128, 183)  
}
```

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, 128, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 128, 183) }
```

Border

The CSS property to change the border of an element to RYB 214, 128, 183 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, 128, 183) }
```

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

```
.border{ border-color:rgb(214, 128, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 128, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 128, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 128, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 128,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 214, 128, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 128, 183) }
```

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

```
.background{ background-color: rgb(214,  
128, 183) }
```

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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