

Converting Colors

`RYB(212, 147, 184)`

Have a look what the booklet for
RYB(212, 147, 184) contains.

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Color

R_YB(212, 147, 184)

Conversions

Conversions Part 1

Format	Color
Hex	D493B8
RGB	212, 147, 184
RGB Percent	83%, 58%, 72%
CMY	0.1686, 0.4235, 0.2784
CMYK	0.00, 0.31, 0.13, 0.17
HSL	326°, 43%, 70%
HSV	326°, 31%, 83%
XYZ	46.2368, 38.3252, 50.3080
YIQ	170.6530, 26.8630, 25.2870

Conversions

Conversions Part 2

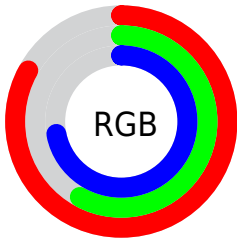
Format	Color
RYB	212, 147, 184
Decimal	13931448
CIELab	68.26, 30.05, -9.34
CIElCh	68, 31.467, 342.731
Yxy	38.3252, 0.3428, 0.2842
Android (android.graphics.Color)	4292121528 (0xFFD493B8)
YUV	170.6530, 6.5801, 36.2613
Hunter-Lab	61.9073, 24.9787, -4.8459

Details

The RYB color **212, 147, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 192, 212**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 202, 240**, and **156, 95, 131** is the 20% darker color. If you saturate the color by 10%, you get **212, 126, 175**, and if you desaturate by 10%, it is **212, 168, 193**.

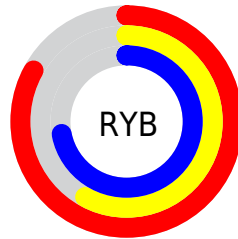
Distribution



Red (83%)

Green (58%)

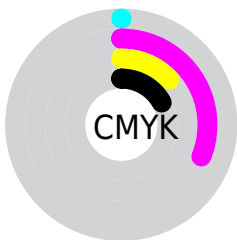
Blue (72%)



Red (83%)

Yellow (58%)

Blue (72%)

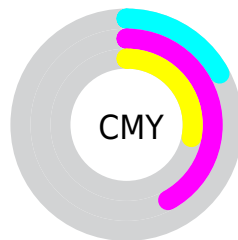


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 212, 147, 184 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 212, 147, 184 by changing the saturation by 10% instead.

 212, 147, 184

 212, 147, 184


255, 255, 255

 184, 121, 157

 255, 202, 240

 156, 95, 131

 255, 230, 255

 130, 71, 106


 104, 47, 82


 78, 23, 59


 54, 0, 37

 34, 0, 16


 0, 0, 0


 212, 147, 184

 212, 147, 184

 212, 126, 175


 212, 168, 193

 212, 105, 166

 212, 189, 202

 212, 83, 157

 212, 211, 211

 212, 62, 147


 212, 226, 232

 212, 41, 138

 212, 240, 253

 212, 20, 129

 212, 238, 255

 212, 0, 121

 212, 235, 255

 212, 234, 255

Harmonies

Analogous

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



185, 155, 208



212, 147, 184



223, 145, 155

Triad

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



212, 147, 184



115, 174, 110



73, 132, 204

Complementary

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



212, 147, 184



147, 192, 212

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.



79, 132, 182



212, 147, 184



124, 176, 158

Square

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



212, 147, 184



193, 201, 113



109, 155, 181



103, 147, 220

Rectangle

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



212, 147, 184



221, 150, 137



109, 155, 181



70, 129, 196

Sweetspot

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



212, 147, 184



255, 232, 245



174, 147, 212



128, 113, 121



0, 0, 0



128, 128, 128

Same Dimension

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



212, 147, 184



255, 161, 214



212, 147, 152



107, 96, 102



171, 0, 97



43, 0, 25

Inverse Universe

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



212, 147, 184



255, 161, 214



147, 181, 212



107, 96, 102



171, 0, 97



43, 0, 25

Previews

White Background



This preview shows how the RYB color 212, 147, 184 looks on a white background.

Color Contrast Check

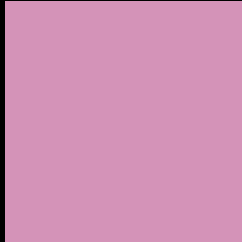
Large Text (above 18pt) WCAG AA × Fail

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 212, 147, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

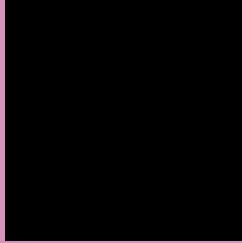
Any Text WCAG AA ✓ Pass

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 212, 147, 184 Background



This preview shows how black text looks on a background with the RYB color 212, 147, 184.



This preview shows how white text looks on a background with the RYB color 212, 147, 184.

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
212, 147, 184

Protanopia
161, 165, 196

Deuteranopia
176, 162, 181



Tritanopia
209, 151, 162

Trichromacy



Original Color

212, 147, 184



Protanomaly

180, 158, 192



Deuteranomaly

189, 157, 182



Tritanomaly

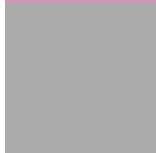
210, 150, 170

Monochromacy



Original Color

212, 147, 184



Achromatopsia

171, 171, 171



Achromatomaly

186, 162, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 147, 184 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(212, 147, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 147, 184)  
}
```

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(212, 147, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 147, 184) }
```

Border

The CSS property to change the border of an element to RYB 212, 147, 184 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(212, 147, 184) }
```

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

```
.border{ border-color:rgb(212, 147, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 147, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 147, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 147, 184);  
box-shadow:4px 4px 4px 4px rgb(212, 147,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 212, 147, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 147, 184) }
```

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

```
.background{ background-color: rgb(212,  
147, 184) }
```

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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