

Converting Colors

`RYB(213, 186, 208)`

Have a look what the booklet for RYB(213, 186, 208) contains.

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Color

R_YB(213, 186, 208)

Conversions

Conversions Part 1

Format	Color
Hex	D5BAD0
RGB	213, 186, 208
RGB Percent	84%, 73%, 82%
CMY	0.1647, 0.2706, 0.1843
CMYK	0.00, 0.13, 0.02, 0.16
HSL	311°, 24%, 78%
HSV	311°, 13%, 84%
XYZ	56.3846, 53.8180, 67.0906
YIQ	196.5810, 9.0300, 12.5660

Conversions

Conversions Part 2

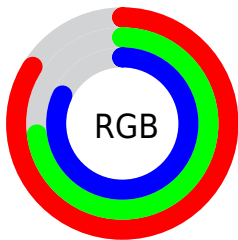
Format	Color
R _Y B	213, 186, 208
Decimal	14006992
CIE Lab	78.36, 13.42, -7.51
CIE LCh	78, 15.376, 330.777
Yxy	53.8180, 0.3180, 0.3036
Android (android.graphics.Color)	4292197072 (0xFFD5BAD0)
YUV	196.5810, 5.6296, 14.3995
Hunter-Lab	73.3608, 8.8127, -2.8700

Details

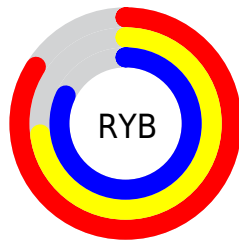
The RYB color **213, 186, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 209, 213**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 242, 255**, and **158, 133, 154** is the 20% darker color. If you saturate the color by 10%, you get **213, 165, 204**, and if you desaturate by 10%, it is **213, 207, 212**.

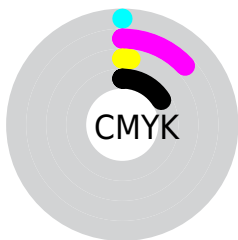
Distribution



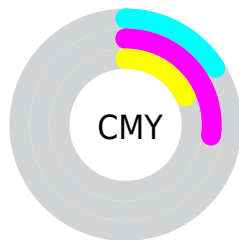
- Red (84%)
- Green (73%)
- Blue (82%)



- Red (84%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 186, 208 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 213, 186, 208 by changing the saturation by 10% instead.

 213, 186, 208


255, 255, 255

 255, 242, 255

 213, 186, 208

 185, 159, 180

 158, 133, 154


 132, 108, 128

 107, 83, 103

 82, 60, 79

 59, 38, 56

 37, 17, 34

 11, 0, 12

 0, 0, 0

213, 186, 208

213, 186, 208

213, 165, 204

213, 207, 212

213, 143, 200

213, 226, 229

213, 122, 196

213, 244, 250

213, 101, 192

213, 246, 255

213, 79, 188

213, 244, 255

213, 58, 184

213, 242, 255

213, 37, 180

213, 240, 255

213, 16, 176

213, 239, 255

213, 0, 174

213, 237, 255

Harmonies

Analogous

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



197, 190, 218



213, 186, 208



223, 184, 194

Triad

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



213, 186, 208



182, 205, 165



157, 181, 208

Complementary

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



213, 186, 208



186, 209, 213

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.



161, 184, 202



213, 186, 208



169, 197, 177

Square

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



213, 186, 208



218, 200, 169



173, 196, 201



164, 185, 218

Rectangle

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



213, 186, 208



224, 184, 184



173, 196, 201



157, 180, 203

Sweetspot

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



213, 186, 208



255, 245, 253



191, 186, 213



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 186, 208



255, 217, 248



213, 186, 195



107, 96, 105



171, 0, 139



43, 0, 35

Inverse Universe

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



213, 186, 208



255, 217, 248



186, 202, 213



107, 96, 105



171, 0, 139



43, 0, 35

Previews

White Background



This preview shows how the RYB color 213, 186, 208 looks on a white background.

Color Contrast Check

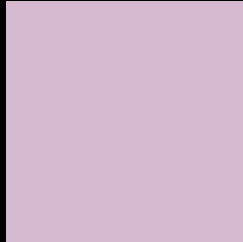
Large Text (above 18pt) WCAG AA × Fail

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 213, 186, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

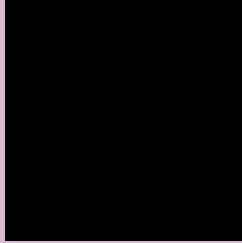
Any Text WCAG AA ✓ Pass

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 213, 186, 208 Background



This preview shows how black text looks on a background with the RYB color 213, 186, 208.







This preview shows how white text looks on a background with the RYB color 213, 186, 208.

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 213, 186, 208
	Protanopia 192, 193, 212
	Deuteranopia 207, 188, 208



Tritanopia
212, 187, 202

Trichromacy



Original Color
213, 186, 208

Protanomaly
200, 190, 211

Deuteranomaly
209, 187, 208

Tritanomaly
212, 187, 204

Monochromacy



Original Color
213, 186, 208

Achromatopsia
197, 197, 197

Achromatomaly
203, 193, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 186, 208 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(213, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 208)  
}
```

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(213, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 208) }
```

Border

The CSS property to change the border of an element to RYB 213, 186, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

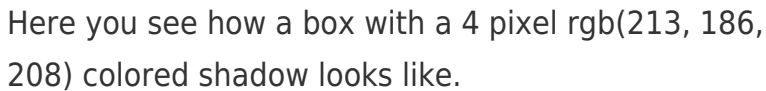
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 186, 208) }
```

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

```
.border{ border-color:rgb(213, 186, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 186, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 186, 208); box-shadow:4px 4px 4px 4px rgb(213, 186, 208) }
```

Background

The CSS property to change the background color of an element to RYB 213, 186, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 208) }
```

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

```
.background{ background-color: rgb(213,  
186, 208) }
```

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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