

Converting Colors

`RYB(210, 147, 194)`

Have a look what the booklet for
RYB(210, 147, 194) contains.

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Color

R_YB(210, 147, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D293C2
RGB	210, 147, 194
RGB Percent	82%, 58%, 76%
CMY	0.1765, 0.4235, 0.2392
CMYK	0.00, 0.30, 0.08, 0.18
HSL	315°, 41%, 70%
HSV	315°, 30%, 82%
XYZ	46.7497, 38.4641, 55.9993
YIQ	171.1950, 22.4610, 27.9730

Conversions

Conversions Part 2

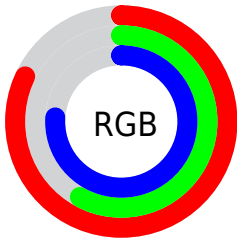
Format	Color
R _{YB}	210, 147, 194
Decimal	13800386
CIE _{Lab}	68.36, 31.06, -14.79
CIE _{LCh}	68, 34.400, 334.537
Y _{xy}	38.4641, 0.3311, 0.2724
Android (android.graphics.Color)	4291990466 (0xFFD293C2)
YUV	171.1950, 11.2429, 34.0320
Hunter-Lab	62.0194, 26.0176, -10.1212

Details

The RYB color **210, 147, 194** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 197, 210**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 202, 251**, and **155, 95, 140** is the 20% darker color. If you saturate the color by 10%, you get **210, 126, 189**, and if you desaturate by 10%, it is **210, 168, 199**.

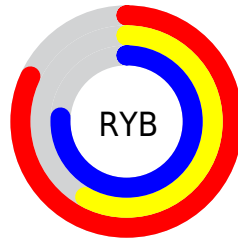
Distribution



Red (82%)

Green (58%)

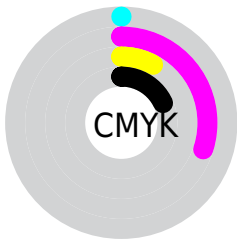
Blue (76%)



Red (82%)

Yellow (58%)

Blue (76%)

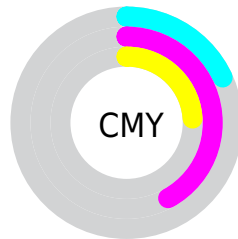


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 147, 194 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 210, 147, 194 by changing the saturation by 10% instead.


 210, 147, 194

255, 255, 255


 255, 202, 251

 255, 230, 255

 210, 147, 194

 182, 121, 167

 155, 95, 140

 128, 71, 115


 102, 47, 90

 77, 23, 67


 53, 0, 44


 32, 0, 24


 0, 0, 0


 210, 147, 194

 210, 147, 194

 210, 126, 189


 210, 168, 199

 210, 105, 183

 210, 189, 205

 210, 84, 178


 210, 210, 210

 210, 63, 173


 210, 227, 231

 210, 42, 167

 210, 243, 252

 210, 21, 162

 210, 243, 255

 210, 0, 157

 210, 241, 255

 210, 238, 255

 210, 236, 255

Harmonies

Analogous

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



177, 157, 218



210, 147, 194



226, 143, 163

Triad

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



210, 147, 194



126, 183, 104



51, 121, 201

Complementary

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



210, 147, 194



147, 197, 210

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.



74, 132, 184



210, 147, 194



115, 175, 140

Square

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



210, 147, 194



210, 194, 111



113, 162, 181



81, 138, 222

Rectangle

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



210, 147, 194



228, 144, 142



113, 162, 181



54, 120, 191

Sweetspot

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



210, 147, 194



255, 232, 249



163, 147, 210



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



210, 147, 194



255, 163, 232



210, 147, 163



105, 94, 102



168, 0, 126



41, 0, 30

Inverse Universe

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



210, 147, 194



255, 163, 232



147, 183, 210



105, 94, 102



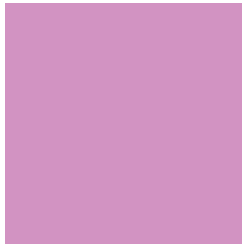
168, 0, 126



41, 0, 30

Previews

White Background



This preview shows how the RYB color 210, 147, 194 looks on a white background.

Color Contrast Check

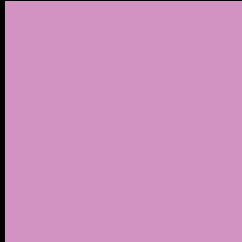
Large Text (above 18pt) WCAG AA × Fail

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 210, 147, 194 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 210, 147, 194 Background



This preview shows how black text looks on a background with the RYB color 210, 147, 194.



This preview shows how white text looks on a background with the RYB color 210, 147, 194.

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
210, 147, 194

Protanopia
157, 164, 206

Deuteranopia
172, 163, 191



Tritanopia
206, 152, 164

Trichromacy



Original Color

210, 147, 194



Protanomaly

176, 158, 202



Deuteranomaly

186, 157, 192



Tritanomaly

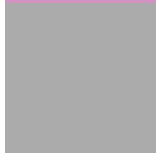
207, 150, 175

Monochromacy



Original Color

210, 147, 194



Achromatopsia

171, 171, 171



Achromatomaly

185, 162, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 147, 194 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(210, 147, 194) looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 194)  
}
```

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(210, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 194) }
```

Border

The CSS property to change the border of an element to RYB 210, 147, 194 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(210, 147, 194) }
```

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

```
.border{ border-color:rgb(210, 147, 194) }
```

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

Here you see how a box with a 4 pixel rgb(210, 147, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 210, 147, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 194) }
```

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

```
.background{ background-color: rgb(210,  
147, 194) }
```

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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