

Converting Colors

`RYB(210, 130, 136)`

Have a look what the booklet for
RYB(210, 130, 136) contains.

RYB(210, 130, 136)	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

R_YB(210, 130, 136)

Conversions

Conversions Part 1

Format	Color
Hex	D28288
RGB	210, 130, 136
RGB Percent	82%, 51%, 53%
CMY	0.1765, 0.4902, 0.4667
CMYK	0.00, 0.38, 0.35, 0.18
HSL	356°, 47%, 67%
HSV	356°, 38%, 82%
XYZ	39.0049, 31.4445, 27.3062
YIQ	154.6040, 45.7540, 18.8260

Conversions

Conversions Part 2

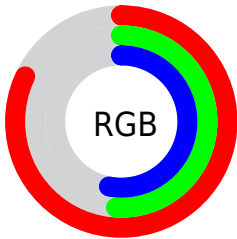
Format	Color
R _Y B	210, 130, 136
Decimal	13795976
CIE Lab	62.88, 31.56, 9.88
CIE LCh	63, 33.066, 17.382
Yxy	31.4445, 0.3990, 0.3217
Android (android.graphics.Color)	4291986056 (0xFFD28288)
YUV	154.6040, -9.1718, 48.5823
Hunter-Lab	56.0754, 26.0291, 10.3812

Details

The RYB color **210, 130, 136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **130, 172, 210**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 184, 189**, and **153, 79, 86** is the 20% darker color. If you saturate the color by 10%, you get **210, 109, 117**, and if you desaturate by 10%, it is **210, 151, 155**.

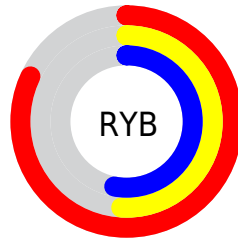
Distribution



Red (82%)

Green (51%)

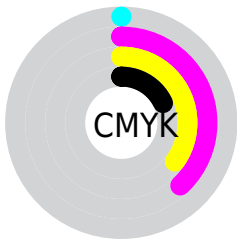
Blue (53%)



Red (82%)

Yellow (51%)

Blue (53%)

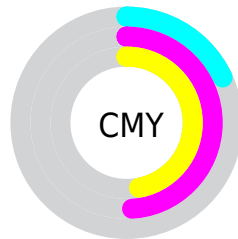


Cyan (0%)

Magenta (38%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 130, 136 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, 130, 136 by changing the saturation by 10% instead.


 210, 130, 136


255, 255, 255

 255, 184, 189

 255, 212, 217

 255, 240, 245

 210, 130, 136

 181, 104, 111

 153, 79, 86

 126, 55, 63

 99, 31, 41


 72, 4, 21

 49, 0, 0


 2, 0, 0


 0, 0, 0


 210, 130, 136

 210, 130, 136


 210, 109, 117

 210, 151, 155

 210, 88, 97

 210, 172, 175

 210, 67, 78

 210, 193, 194

 210, 46, 58

 210, 212, 214

 210, 25, 39

 210, 223, 235

 210, 4, 19

 210, 233, 255

 210, 0, 16

 210, 233, 255

Harmonies

Analogous

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



202, 131, 166



210, 130, 136



203, 146, 110

Triad

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



210, 130, 136



111, 163, 153



90, 134, 209

Complementary

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



210, 130, 136



130, 172, 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.



45, 111, 194



210, 130, 136



85, 135, 167

Square

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



210, 130, 136



95, 156, 96



48, 108, 169



138, 148, 208

Rectangle

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



210, 130, 136



191, 185, 98



48, 108, 169



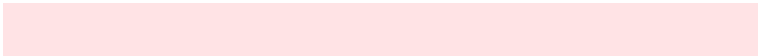
73, 126, 206

Sweetspot

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



210, 130, 136



255, 227, 229



203, 130, 210



128, 111, 112



0, 0, 0



128, 128, 128

Same Dimension

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



210, 130, 136



255, 138, 146



210, 186, 130



105, 94, 95



168, 0, 13



41, 0, 3

Inverse Universe

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



210, 130, 136



255, 138, 146



130, 160, 210



105, 94, 95



168, 0, 13



41, 0, 3

Previews

White Background



This preview shows how the RYB color 210, 130, 136 looks on a white background.

Color Contrast Check

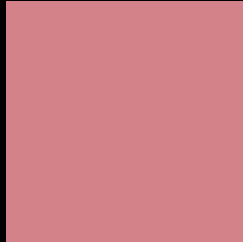
Large Text (above 18pt) WCAG AA × Fail

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, 130, 136 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, 130, 136 Background



This preview shows how black text looks on a background with the RYB color 210, 130, 136.



This preview shows how white text looks on a background with the RYB color 210, 130, 136.

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, 130, 136

Protanopia
156, 156, 148

Deuteranopia
174, 154, 133



Tritanopia
210, 129, 139

Trichromacy



Original Color
210, 130, 136

Protanomaly
176, 144, 144

Deuteranomaly
187, 142, 134

Tritanomaly
210, 129, 138

Monochromacy



Original Color
210, 130, 136

Achromatopsia
155, 155, 155

Achromatomaly
175, 146, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 130, 136 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, 130, 136) looks like.

```
.text, #text, p{  
    color:rgb(210, 130, 136)  
}
```

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, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 130, 136) }
```

Border

The CSS property to change the border of an element to RYB 210, 130, 136 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, 130, 136) }
```

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

```
.border{ border-color:rgb(210, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(210, 130,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 210, 130, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 130, 136) }
```

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

```
.background{ background-color: rgb(210,  
130, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor