

Converting Colors

`RYB(195, 126, 136)`

Have a look what the booklet for
RYB(195, 126, 136) contains.

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Color

`RYB(195, 126, 136)`

Conversions

Conversions Part 1

Format	Color
Hex	C37E88
RGB	195, 126, 136
RGB Percent	76%, 49%, 53%
CMY	0.2353, 0.5059, 0.4667
CMYK	0.00, 0.35, 0.30, 0.24
HSL	351°, 37%, 63%
HSV	351°, 35%, 76%
XYZ	34.4105, 28.3014, 26.9416
YIQ	147.7710, 37.9140, 17.7380

Conversions

Conversions Part 2

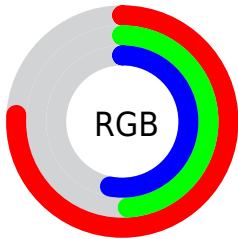
Format	Color
RYB	195, 126, 136
Decimal	12811912
CIELab	60.16, 28.08, 5.75
CIElCh	60, 28.665, 11.572
Yxy	28.3014, 0.3838, 0.3157
Android (android.graphics.Color)	4291001992 (0xFFC37E88)
YUV	147.7710, -5.8031, 41.4198
Hunter-Lab	53.1990, 22.3599, 7.2130

Details

The RYB color **195, 126, 136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **126, 163, 195**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **253, 179, 189**, and **139, 76, 86** is the 20% darker color. If you saturate the color by 10%, you get **195, 107, 119**, and if you desaturate by 10%, it is **195, 146, 153**.

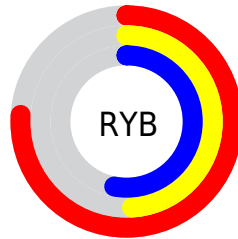
Distribution



Red (76%)

Green (49%)

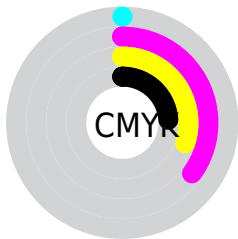
Blue (53%)



Red (76%)

Yellow (49%)

Blue (53%)

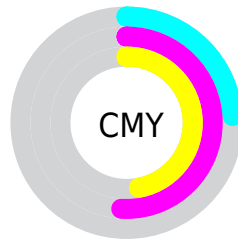


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 126, 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 195, 126, 136 by changing the saturation by 10% instead.

 195, 126, 136


255, 255, 255

 253, 179, 189

 255, 207, 217

 255, 236, 245

 195, 126, 136

 167, 100, 111

 139, 76, 86

 113, 52, 63

 87, 29, 41

 61, 4, 21

 41, 0, 1

 0, 0, 0

 195, 126, 136

 195, 107, 119

 195, 126, 136

 195, 146, 153

■ 195, 87, 103

■ 195, 165, 169

■ 195, 68, 86

■ 195, 185, 186

■ 195, 48, 69

■ 195, 200, 204

■ 195, 29, 53

■ 195, 211, 224

■ 195, 9, 36

■ 195, 221, 243

■ 195, 0, 28

■ 195, 226, 255

■ 195, 225, 255

Harmonies

Analogous

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



185, 128, 162



195, 126, 136



191, 135, 113

Triad

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



195, 126, 136



106, 153, 134



87, 127, 192

Complementary

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



195, 126, 136



126, 163, 195

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.



61, 114, 178



195, 126, 136



95, 136, 158

Square

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



195, 126, 136



102, 153, 95



67, 114, 159



126, 140, 194

Rectangle

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



195, 126, 136



182, 160, 101



67, 114, 159



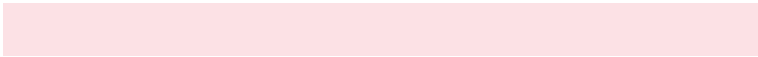
76, 122, 189

Sweetspot

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



195, 126, 136



252, 225, 229



185, 126, 195



128, 111, 113



0, 0, 0



128, 128, 128

Same Dimension

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



195, 126, 136



252, 146, 162



195, 163, 126



97, 87, 89



161, 0, 23



33, 0, 5

Inverse Universe

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



195, 126, 136



252, 146, 162



126, 153, 195



97, 87, 89



161, 0, 23



33, 0, 5

Previews

White Background



This preview shows how the RYB color 195, 126, 136 looks on a white background.

Color Contrast Check

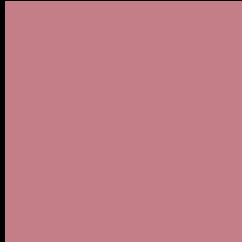
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 126, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

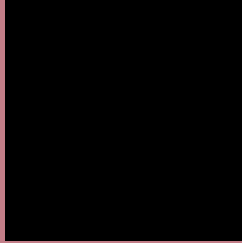
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 195, 126, 136 Background



This preview shows how black text looks on a background with the RYB color 195, 126, 136.

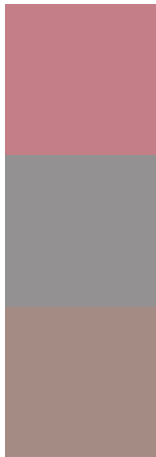


This preview shows how white text looks on a background with the RYB color 195, 126, 136.

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
195, 126, 136

Protanopia
148, 145, 146

Deuteranopia
164, 142, 133



Tritanopia
195, 126, 136

Trichromacy



Original Color
195, 126, 136

Protanomaly
165, 138, 142

Deuteranomaly
175, 135, 134

Tritanomaly
195, 126, 136

Monochromacy



Original Color
195, 126, 136

Achromatopsia
148, 148, 148

Achromatomaly
165, 140, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 126, 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(195, 126, 136) looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 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(195, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 136) }
```

Border

The CSS property to change the border of an element to RYB 195, 126, 136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

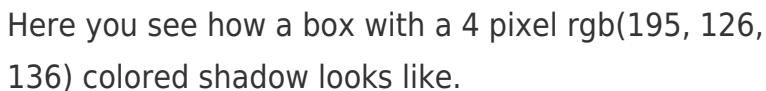
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 126, 136) }
```

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

```
.border{ border-color:rgb(195, 126, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 126, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 126, 136); box-shadow:4px 4px 4px 4px rgb(195, 126, 136) }
```

Background

The CSS property to change the background color of an element to RYB 195, 126, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 136) }
```

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

```
.background{ background-color: rgb(195,  
126, 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](#).

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