

Converting Colors

`RYB(201, 196, 248)`

Have a look what the booklet for RYB(201, 196, 248) contains.

RYB(201, 196, 248)	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(201, 196, 248)

Conversions

Conversions Part 1

Format	Color
Hex	C9C4F8
RGB	201, 196, 248
RGB Percent	79%, 77%, 97%
CMY	0.2118, 0.2314, 0.0275
CMYK	0.19, 0.21, 0.00, 0.03
HSL	246°, 79%, 87%
HSV	246°, 21%, 97%
XYZ	60.7706, 58.6747, 96.9293
YIQ	203.4230, -13.7120, 17.2320

Conversions

Conversions Part 2

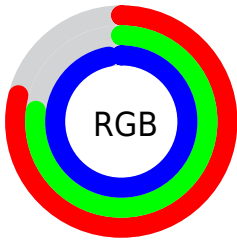
Format	Color
RYB	201, 196, 248
Decimal	13223160
CIELab	81.11, 12.16, -24.96
CIELCh	81, 27.764, 295.971
Yxy	58.6747, 0.2809, 0.2712
Android (android.graphics.Color)	4291413240 (0xFFC9C4F8)
YUV	203.4230, 21.9765, -2.1250
Hunter-Lab	76.5994, 7.5651, -21.4063

Details

The RYB color **201, 196, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **196, 248, 201**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 253, 255, and **146, 142, 191** is the 20% darker color. If you saturate the color by 10%, you get **179, 171, 248**, and if you desaturate by 10%, it is **223, 221, 248**.

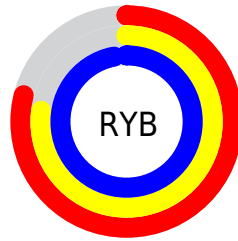
Distribution



Red (79%)

Green (77%)

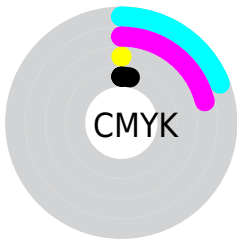
Blue (97%)



Red (79%)

Yellow (77%)

Blue (97%)

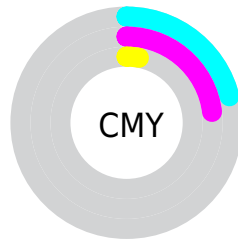


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 196, 248 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 201, 196, 248 by changing the saturation by 10% instead.

■ 201, 196, 248

255, 255, 255

■ 255, 253, 255

■ 201, 196, 248

■ 173, 169, 219

■ 146, 142, 191

■ 120, 117, 164

■ 95, 92, 138


■ 70, 69, 112


■ 46, 46, 88


■ 22, 26, 64

■ 2, 0, 42

■ 0, 1, 20

 201, 196, 248


 201, 196, 248

 179, 171, 248


 223, 221, 248

 156, 146, 248

 246, 246, 248

 134, 122, 248

 248, 255, 248

 111, 97, 248

 89, 72, 248

 67, 47, 248

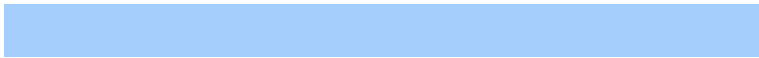
 44, 22, 248

 24, 0, 248

Harmonies

Analogous

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



165, 193, 253



201, 196, 248



232, 188, 231

Triad

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



201, 196, 248



245, 207, 159



140, 183, 216

Complementary

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



201, 196, 248



196, 248, 201

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.



167, 208, 213



201, 196, 248



188, 224, 150

Square

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



201, 196, 248



254, 184, 180



154, 207, 164



126, 173, 223

Rectangle

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



201, 196, 248



246, 184, 215



154, 207, 164



148, 190, 215

Sweetspot

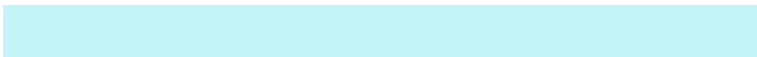
The Sweet Spot groups the original color and five complimentary colors.



201, 196, 248



241, 240, 255



196, 221, 248



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 196, 248



197, 191, 255



226, 196, 248



114, 112, 125



18, 0, 189



6, 0, 61

Inverse Universe

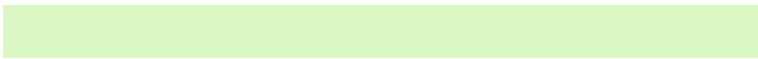
The Inverse Universe completely reimagines the original color for something new.



248, 196, 243



255, 191, 249



196, 248, 226



125, 112, 124



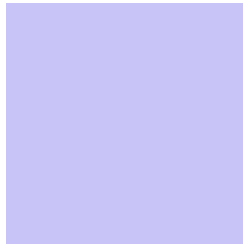
189, 0, 171



61, 0, 55

Previews

White Background



This preview shows how the RYB color 201, 196, 248 looks on a white background.

Color Contrast Check

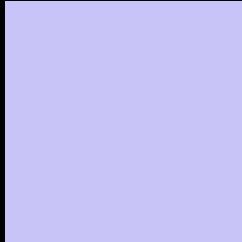
Large Text (above 18pt) WCAG AA × Fail

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 201, 196, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

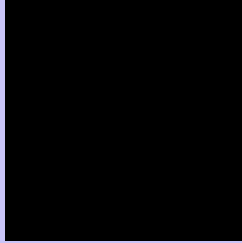
Any Text WCAG AA ✓ Pass

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 201, 196, 248 Background



This preview shows how black text looks on a background with the RYB color 201, 196, 248.



This preview shows how white text looks on a background with the RYB color 201, 196, 248.

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
201, 196, 248

Protanopia
189, 198, 250

Deuteranopia
197, 197, 248



Tritanopia
195, 200, 217

Trichromacy



Original Color

201, 196, 248

Protanomaly

193, 198, 249

Deuteranomaly

198, 197, 248

Tritanomaly

197, 199, 228

Monochromacy



Original Color

201, 196, 248

Achromatopsia

203, 203, 203

Achromatomaly

202, 200, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 196, 248 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(201, 196, 248)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 248)  
}
```

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(201, 196, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 248) }
```

Border

The CSS property to change the border of an element to RYB 201, 196, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

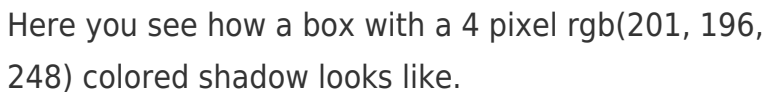
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 196, 248) }
```

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

```
.border{ border-color:rgb(201, 196, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 196, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 196, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 196, 248); box-shadow:4px 4px 4px 4px rgb(201, 196, 248) }
```

Background

The CSS property to change the background color of an element to RYB 201, 196, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 248) }
```

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

```
.background{ background-color: rgb(201,  
196, 248) }
```

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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