

Converting Colors

`RYB(208, 201, 242)`

Have a look what the booklet for
RYB(208, 201, 242) contains.

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Color

R_YB(208, 201, 242)

Conversions

Conversions Part 1

Format	Color
Hex	D0C9F2
RGB	208, 201, 242
RGB Percent	82%, 79%, 95%
CMY	0.1843, 0.2118, 0.0510
CMYK	0.14, 0.17, 0.00, 0.05
HSL	250°, 61%, 87%
HSV	250°, 17%, 95%
XYZ	62.9261, 61.5940, 92.5767
YIQ	207.7670, -8.9890, 14.2350

Conversions

Conversions Part 2

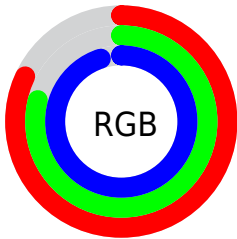
Format	Color
R _Y B	208, 201, 242
Decimal	13683186
CIE Lab	82.70, 10.36, -19.30
CIE LCh	83, 21.909, 298.226
Yxy	61.5940, 0.2899, 0.2837
Android (android.graphics.Color)	4291873266 (0xFFD0C9F2)
YUV	207.7670, 16.8769, 0.2043
Hunter-Lab	78.4818, 5.7766, -15.0008

Details

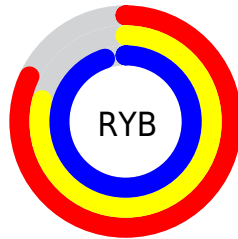
The RYB color **208, 201, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **201, 242, 208**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **153, 147, 186** is the 20% darker color. If you saturate the color by 10%, you get **188, 177, 242**, and if you desaturate by 10%, it is **228, 225, 242**.

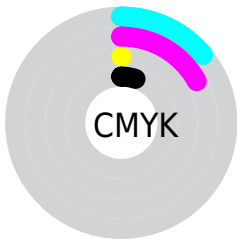
Distribution



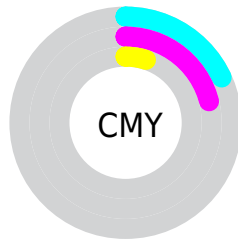
- Red (82%)
- Green (79%)
- Blue (95%)



- Red (82%)
- Yellow (79%)
- Blue (95%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 201, 242 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 208, 201, 242 by changing the saturation by 10% instead.

■ 208, 201, 242

255, 255, 255

■ 208, 201, 242

■ 180, 174, 214

■ 153, 147, 186

■ 127, 121, 159

■ 102, 97, 133

■ 77, 73, 107

■ 54, 50, 83


■ 31, 29, 60

■ 12, 4, 38

■ 0, 1, 15

 208, 201, 242

 208, 201, 242

 188, 177, 242

 228, 225, 242

 168, 153, 242

 242, 249, 243

 148, 128, 242


 242, 255, 242


 128, 104, 242

 108, 80, 242

 88, 56, 242

 68, 32, 242

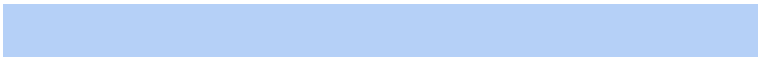
 47, 7, 242

 41, 0, 242

Harmonies

Analogous

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



181, 200, 247



208, 201, 242



232, 195, 228

Triad

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



208, 201, 242



240, 212, 172



158, 192, 218

Complementary

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



208, 201, 242



201, 242, 208

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.



177, 209, 215



208, 201, 242



193, 223, 165

Square

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



208, 201, 242



249, 194, 187



169, 211, 179



150, 185, 224

Rectangle

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



208, 201, 242



242, 192, 215



169, 211, 179



164, 197, 217

Sweetspot

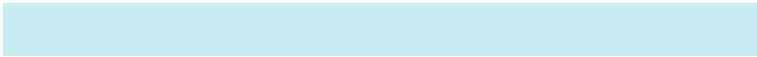
The Sweet Spot groups the original color and five complimentary colors.



208, 201, 242



244, 242, 255



201, 220, 242



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 201, 242



213, 204, 255



228, 201, 242



110, 108, 120



31, 0, 184



10, 0, 56

Inverse Universe

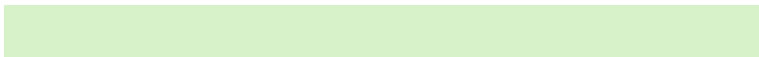
The Inverse Universe completely reimagines the original color for something new.



242, 201, 235



255, 204, 246



201, 242, 228



120, 108, 118



184, 0, 152



56, 0, 47

Previews

White Background



This preview shows how the RYB color 208, 201, 242 looks on a white background.

Color Contrast Check

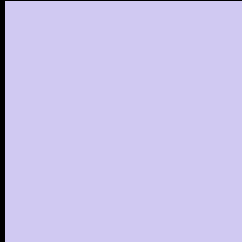
Large Text (above 18pt) WCAG AA × Fail

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 208, 201, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

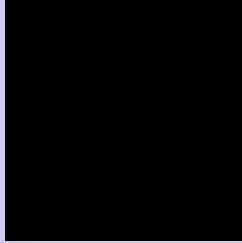
Any Text WCAG AA ✓ Pass

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 208, 201, 242 Background



This preview shows how black text looks on a background with the RYB color 208, 201, 242.



This preview shows how white text looks on a background with the RYB color 208, 201, 242.

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
208, 201, 242

Protanopia
198, 203, 244

Deuteranopia
208, 201, 242



Tritanopia
204, 205, 221

Trichromacy



Original Color

208, 201, 242

Protanomaly

202, 203, 243

Deuteranomaly

208, 201, 242

Tritanomaly

205, 204, 229

Monochromacy



Original Color

208, 201, 242

Achromatopsia

208, 208, 208

Achromatomaly

208, 205, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 201, 242 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(208, 201, 242) looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 242)  
}
```

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(208, 201, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 242) }
```

Border

The CSS property to change the border of an element to RYB 208, 201, 242 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(208, 201, 242) }
```

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

```
.border{ border-color:rgb(208, 201, 242) }
```

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

Here you see how a box with a 4 pixel rgb(208, 201, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 208, 201, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 242) }
```

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

```
.background{ background-color: rgb(208,  
201, 242) }
```

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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