

Converting Colors

`RYB(218, 197, 232)`

Have a look what the booklet for RYB(218, 197, 232) contains.

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Color

R_YB(218, 197, 232)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5E8
RGB	218, 197, 232
RGB Percent	85%, 77%, 91%
CMY	0.1451, 0.2275, 0.0902
CMYK	0.06, 0.15, 0.00, 0.09
HSL	276°, 43%, 84%
HSV	276°, 15%, 91%
XYZ	63.4452, 60.6641, 84.7094
YIQ	207.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

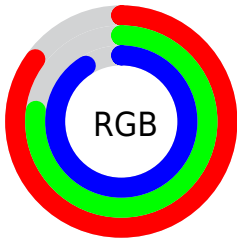
Format	Color
R _Y B	218, 197, 232
Decimal	14337512
CIE Lab	82.20, 13.71, -14.64
CIE LCh	82, 20.055, 313.122
Yxy	60.6641, 0.3038, 0.2905
Android (android.graphics.Color)	4292527592 (0xFFDAC5E8)
YUV	207.2690, 12.1924, 9.4111
Hunter-Lab	77.8872, 9.0996, -9.9622

Details

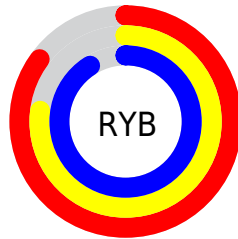
The RYB color **218, 197, 232** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **197, 232, 218**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 254, 255, and **163, 143, 176** is the 20% darker color. If you saturate the color by 10%, you get **209, 174, 232**, and if you desaturate by 10%, it is **227, 220, 232**.

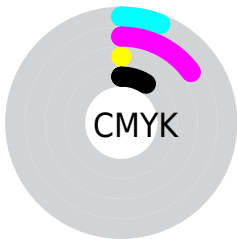
Distribution



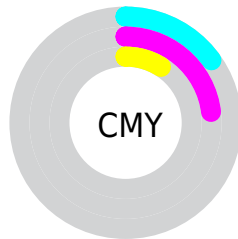
- Red (85%)
- Green (77%)
- Blue (91%)



- Red (85%)
- Yellow (77%)
- Blue (91%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 197, 232 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 218, 197, 232 by changing the saturation by 10% instead.

■ 218, 197, 232

255, 255, 255

255, 254, 255

■ 218, 197, 232

■ 190, 170, 204

■ 163, 143, 176

■ 137, 118, 150

■ 111, 93, 124

■ 86, 69, 99

■ 63, 47, 75

■ 41, 26, 52

■ 22, 0, 31

■ 0, 0, 3

■ 218, 197, 232

■ 218, 197, 232

■ 209, 174, 232

■ 227, 220, 232

■ 199, 151, 232

■ 232, 243, 238

■ 190, 127, 232

■ 232, 255, 241

■ 181, 104, 232

■ 232, 255, 232

■ 172, 81, 232

■ 162, 58, 232

■ 153, 35, 232

■ 144, 11, 232

■ 139, 0, 232

Harmonies

Analogous

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



194, 202, 241



218, 197, 232



236, 192, 216

Triad

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



218, 197, 232



225, 229, 169



156, 186, 215

Complementary

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



218, 197, 232



197, 232, 218

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.



169, 199, 215



218, 197, 232



174, 211, 168

Square

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



218, 197, 232



241, 198, 180



177, 211, 199



156, 188, 229

Rectangle

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



218, 197, 232



242, 191, 203



177, 211, 199



159, 189, 215

Sweetspot

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



218, 197, 232



250, 242, 255



197, 207, 232



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 197, 232



237, 209, 255



232, 197, 229



110, 103, 115



107, 0, 179



31, 0, 51

Inverse Universe

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



232, 197, 211



255, 209, 227



197, 228, 232



115, 103, 108



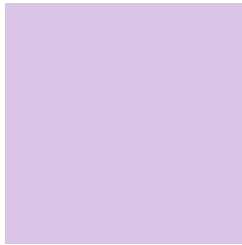
179, 0, 71



51, 0, 20

Previews

White Background



This preview shows how the RYB color 218, 197, 232 looks on a white background.

Color Contrast Check

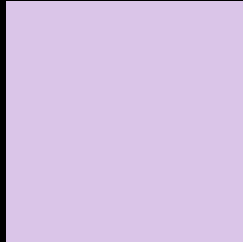
Large Text (above 18pt) WCAG AA × Fail

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 218, 197, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

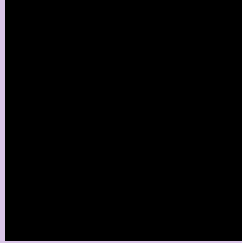
Any Text WCAG AA ✓ Pass

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 218, 197, 232 Background



This preview shows how black text looks on a background with the RYB color 218, 197, 232.



This preview shows how white text looks on a background with the RYB color 218, 197, 232.

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
218, 197, 232

Protanopia
199, 203, 236

Deuteranopia
212, 199, 232



Tritanopia
215, 200, 216

Trichromacy



Original Color
218, 197, 232

Protanomaly
206, 201, 235

Deuteranomaly
214, 198, 232

Tritanomaly
216, 199, 222

Monochromacy



Original Color
218, 197, 232

Achromatopsia
207, 207, 207

Achromatomaly
211, 203, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 197, 232 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(218, 197, 232) looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 232)  
}
```

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(218, 197, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 232) }
```

Border

The CSS property to change the border of an element to RYB 218, 197, 232 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(218, 197, 232) }
```

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

```
.border{ border-color:rgb(218, 197, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 197, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(218, 197,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 218, 197, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 232) }
```

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

```
.background{ background-color: rgb(218,  
197, 232) }
```

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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