

Converting Colors

`RYB(225, 212, 248)`

Have a look what the booklet for
RYB(225, 212, 248) contains.

RYB(225, 212, 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(225, 212, 248)

Conversions

Conversions Part 1

Format	Color
Hex	E1D4F8
RGB	225, 212, 248
RGB Percent	88%, 83%, 97%
CMY	0.1176, 0.1686, 0.0275
CMYK	0.09, 0.15, 0.00, 0.03
HSL	262°, 72%, 90%
HSV	262°, 15%, 97%
XYZ	71.5381, 69.8718, 98.5231
YIQ	219.9910, -3.8080, 13.9520

Conversions

Conversions Part 2

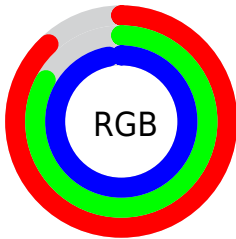
Format	Color
R _Y B	225, 212, 248
Decimal	14800120
CIE Lab	86.93, 11.14, -15.97
CIE LCh	87, 19.471, 304.884
Yxy	69.8718, 0.2982, 0.2912
Android (android.graphics.Color)	4292990200 (0xFFE1D4F8)
YUV	219.9910, 13.8084, 4.3929
Hunter-Lab	83.5894, 6.4838, -11.3699

Details

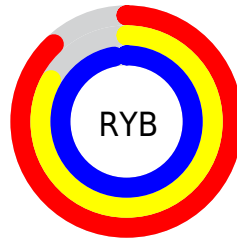
The RYB color **225, 212, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **212, 248, 225**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 157, 192** is the 20% darker color. If you saturate the color by 10%, you get **209, 187, 248**, and if you desaturate by 10%, it is **241, 237, 248**.

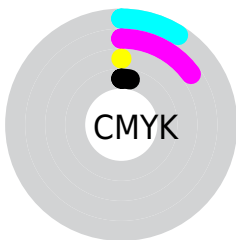
Distribution



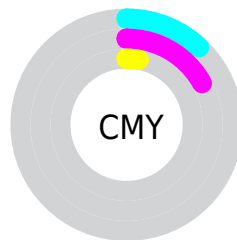
- Red (88%)
- Green (83%)
- Blue (97%)



- Red (88%)
- Yellow (83%)
- Blue (97%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 212, 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 225, 212, 248 by changing the saturation by 10% instead.

■ 225, 212, 248

255, 255, 255

■ 225, 212, 248

■ 197, 184, 219

■ 170, 157, 192

■ 143, 131, 164

■ 117, 106, 138

■ 92, 82, 113

■ 69, 59, 88


■ 46, 37, 65


■ 24, 17, 42

■ 0, 1, 22

 225, 212, 248


 225, 212, 248


 209, 187, 248


 241, 237, 248


 193, 162, 248

 248, 255, 248

 177, 138, 248


 162, 113, 248

 146, 88, 248

 130, 63, 248

 114, 38, 248

 98, 14, 248

 90, 0, 248

Harmonies

Analogous

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



201, 214, 254



225, 212, 248



245, 207, 234

Triad

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



225, 212, 248



246, 230, 185



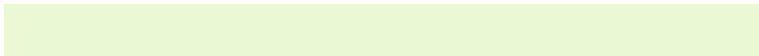
173, 203, 229

Complementary

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



225, 212, 248



212, 248, 225

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.



188, 217, 227



225, 212, 248



197, 229, 181

Square

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



225, 212, 248



255, 209, 197



187, 223, 201



169, 201, 238

Rectangle

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



225, 212, 248



253, 205, 222



187, 223, 201



177, 207, 228

Sweetspot

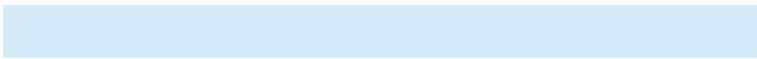
The Sweet Spot groups the original color and five complimentary colors.



225, 212, 248



248, 245, 255



212, 226, 248



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 212, 248



227, 212, 255



243, 212, 248



117, 112, 125



68, 0, 189



22, 0, 61

Inverse Universe

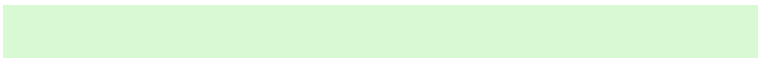
The Inverse Universe completely reimagines the original color for something new.



248, 212, 235



255, 212, 239



212, 248, 243



125, 112, 120



189, 0, 121



61, 0, 39

Previews

White Background



This preview shows how the RYB color 225, 212, 248 looks on a white background.

Color Contrast Check

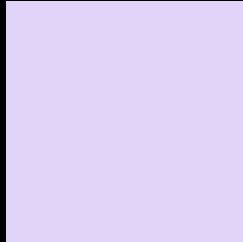
Large Text (above 18pt) WCAG AA × Fail

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 225, 212, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

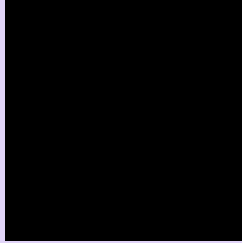
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

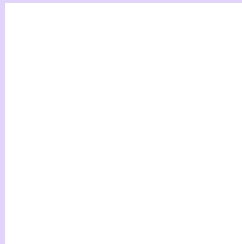
Any Text WCAG AAA ✓ Pass

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

RYB 225, 212, 248 Background



This preview shows how black text looks on a background with the RYB color 225, 212, 248.



This preview shows how white text looks on a background with the RYB color 225, 212, 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
225, 212, 248

Protanopia
212, 216, 251

Deuteranopia
225, 212, 248



Tritanopia

222, 215, 232

Trichromacy



Original Color
225, 212, 248

Protanomaly
217, 215, 250

Deuteranomaly
225, 212, 248

Tritanomaly
223, 214, 238

Monochromacy



Original Color
225, 212, 248

Achromatopsia
220, 220, 220

Achromatomaly
222, 217, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 212, 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(225, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(225, 212, 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(225, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 212, 248) }
```

Border

The CSS property to change the border of an element to RYB 225, 212, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

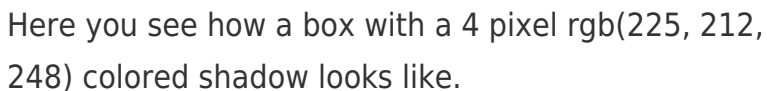
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 212, 248) }
```

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

```
.border{ border-color:rgb(225, 212, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 212, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(225, 212,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 225, 212, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 212, 248) }
```

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

```
.background{ background-color: rgb(225,  
212, 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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