

Converting Colors

`RYB(245, 212, 238)`

Have a look what the booklet for
RYB(245, 212, 238) contains.

RYB(245, 212, 238)	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(245, 212, 238)

Conversions

Conversions Part 1

Format	Color
Hex	F5D4EE
RGB	245, 212, 238
RGB Percent	96%, 83%, 93%
CMY	0.0392, 0.1686, 0.0667
CMYK	0.00, 0.13, 0.03, 0.04
HSL	313°, 62%, 90%
HSV	313°, 13%, 96%
XYZ	76.6323, 72.6725, 90.8772
YIQ	224.8310, 11.3220, 15.0820

Conversions

Conversions Part 2

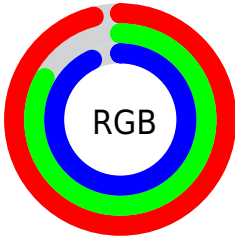
Format	Color
R _Y B	245, 212, 238
Decimal	16110830
CIE Lab	88.29, 15.83, -8.49
CIE LCh	88, 17.968, 331.794
Yxy	72.6725, 0.3191, 0.3026
Android (android.graphics.Color)	4294300910 (0xFFFF5D4EE)
YUV	224.8310, 6.4923, 17.6882
Hunter-Lab	85.2482, 11.2751, -3.5312

Details

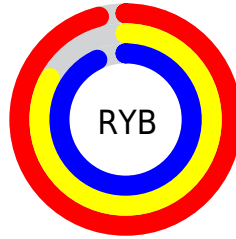
The RYB color **245, 212, 238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **212, 239, 245**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 157, 182** is the 20% darker color. If you saturate the color by 10%, you get **245, 187, 233**, and if you desaturate by 10%, it is **245, 237, 243**.

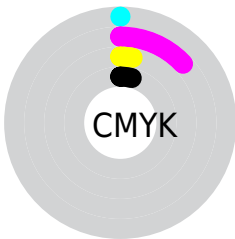
Distribution



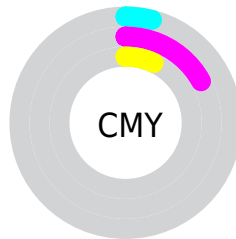
- Red (96%)
- Green (83%)
- Blue (93%)



- Red (96%)
- Yellow (83%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 212, 238 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 245, 212, 238 by changing the saturation by 10% instead.

 245, 212, 238

255, 255, 255

 245, 212, 238

 216, 184, 210


 189, 157, 182

 161, 131, 155

 135, 106, 129

 110, 82, 104

 85, 58, 80

 61, 36, 57

 39, 16, 36

 15, 0, 14

 245, 212, 238

 245, 212, 238

 245, 187, 233


 245, 237, 243

 245, 163, 228

 245, 253, 255

 245, 139, 222

 245, 250, 255


 245, 114, 217

 245, 250, 255

 245, 90, 212

 245, 65, 207

 245, 41, 202

 245, 16, 196

 245, 0, 193

Harmonies

Analogous

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



226, 217, 251



245, 212, 238



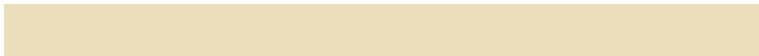
255, 210, 221

Triad

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



245, 212, 238



206, 234, 188



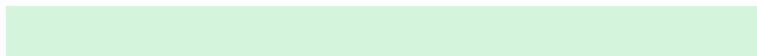
177, 206, 239

Complementary

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



245, 212, 238



212, 239, 245

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.



182, 210, 232



245, 212, 238



192, 226, 203

Square

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



245, 212, 238



249, 231, 192



196, 223, 230



186, 212, 251

Rectangle

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



245, 212, 238



255, 210, 210



196, 223, 230



177, 205, 234

Sweetspot

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



245, 212, 238



255, 245, 253



219, 212, 245



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 212, 238



255, 214, 246



245, 212, 222



122, 110, 120



186, 0, 147



59, 0, 46

Inverse Universe

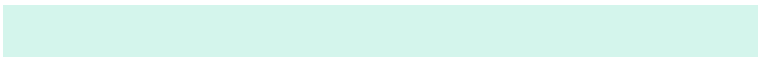
The Inverse Universe completely reimagines the original color for something new.



245, 212, 238



255, 214, 246



212, 231, 245



122, 110, 120



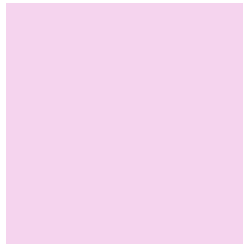
186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RYB color 245, 212, 238 looks on a white background.

Color Contrast Check

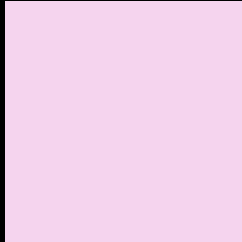
Large Text (above 18pt) WCAG AA × Fail

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 245, 212, 238 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 245, 212, 238 Background



This preview shows how black text looks on a background with the RYB color 245, 212, 238.

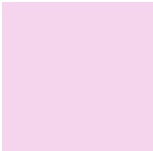





This preview shows how white text looks on a background with the RYB color 245, 212, 238.

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 245, 212, 238
	Protanopia 219, 220, 243
	Deuteranopia 236, 215, 237



Tritanopia
244, 213, 230

Trichromacy



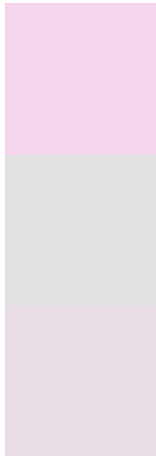
Original Color
245, 212, 238

Protanomaly
228, 217, 241

Deuteranomaly
239, 214, 237

Tritanomaly
244, 213, 233

Monochromacy



Original Color
245, 212, 238

Achromatopsia
225, 225, 225

Achromatomaly
232, 220, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 212, 238 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(245, 212, 238) looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 238)  
}
```

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(245, 212, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 238) }
```

Border

The CSS property to change the border of an element to RYB 245, 212, 238 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(245, 212, 238) }
```

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

```
.border{ border-color:rgb(245, 212, 238) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 245, 212, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 238) }
```

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

```
.background{ background-color: rgb(245,  
212, 238) }
```

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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