

Converting Colors

`RYB(246, 212, 236)`

Have a look what the booklet for
RYB(246, 212, 236) contains.

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Color

`RYB(246, 212, 236)`

Conversions

Conversions Part 1

Format	Color
Hex	F6D4EC
RGB	246, 212, 236
RGB Percent	96%, 83%, 93%
CMY	0.0353, 0.1686, 0.0745
CMYK	0.00, 0.14, 0.04, 0.04
HSL	318°, 65%, 90%
HSV	318°, 14%, 96%
XYZ	76.6898, 72.7359, 89.3543
YIQ	224.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

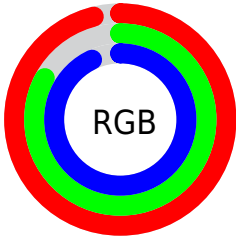
Format	Color
R_{YB}	246, 212, 236
Decimal	16176364
CIE _{Lab}	88.32, 15.82, -7.38
CIE _{LCh}	88, 17.458, 334.984
Yxy	72.7359, 0.3212, 0.3046
Android (android.graphics.Color)	4294366444 (0xFFFF6D4EC)
YUV	224.9020, 5.4713, 18.5029
Hunter-Lab	85.2854, 11.2604, -2.4190

Details

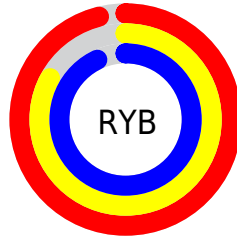
The RYB color **246, 212, 236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **212, 238, 246**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 157, 180** is the 20% darker color. If you saturate the color by 10%, you get **246, 187, 229**, and if you desaturate by 10%, it is **246, 237, 243**.

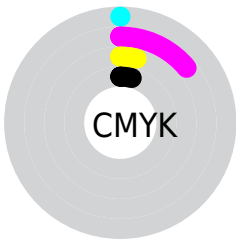
Distribution



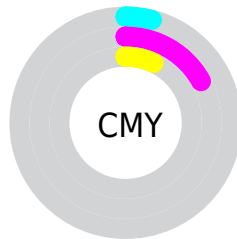
- Red (96%)
- Green (83%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (4%)



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

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 212, 236 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 246, 212, 236 by changing the saturation by 10% instead.

 246, 212, 236

255, 255, 255

 246, 212, 236

 217, 184, 208

 190, 157, 180


 162, 131, 153

 136, 106, 127

 110, 82, 102

 86, 58, 78

 62, 36, 56

 40, 16, 34

 16, 0, 11

 246, 212, 236

 246, 212, 236

 246, 187, 229

 246, 237, 243

 246, 163, 222


 246, 252, 255


 246, 138, 214


 246, 251, 255

 246, 114, 207

 246, 89, 200

 246, 64, 193

 246, 40, 185

 246, 15, 178

 246, 0, 174

Harmonies

Analogous

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



228, 216, 249



246, 212, 236



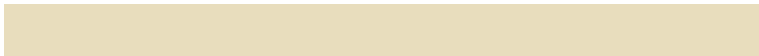
255, 210, 219

Triad

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



246, 212, 236



204, 232, 189



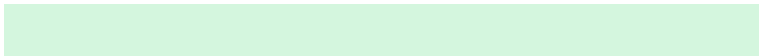
179, 207, 240

Complementary

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



246, 212, 236



212, 238, 246

Split Complementary

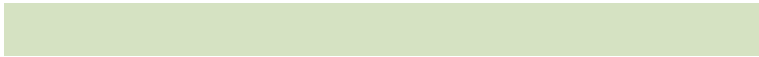
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182, 208, 231



246, 212, 236



194, 226, 207

Square

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



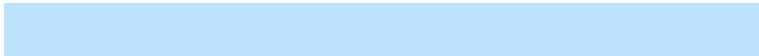
246, 212, 236



248, 234, 192



195, 221, 230



188, 212, 251

Rectangle

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



246, 212, 236



255, 211, 208



195, 221, 230



179, 206, 235

Sweetspot

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



246, 212, 236



255, 245, 252



222, 212, 246



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

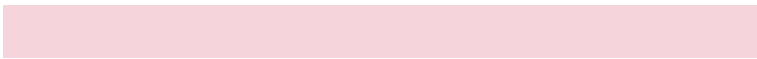
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 212, 236



255, 212, 242



246, 212, 219



122, 110, 119



186, 0, 131



59, 0, 41

Inverse Universe

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



246, 212, 236



255, 212, 242



212, 231, 246



122, 110, 119



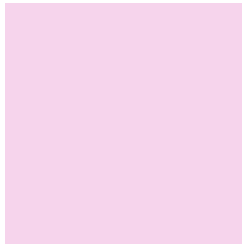
186, 0, 131



59, 0, 41

Previews

White Background



This preview shows how the RYB color 246, 212, 236 looks on a white background.

Color Contrast Check

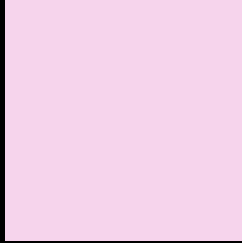
Large Text (above 18pt) WCAG AA × Fail

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 246, 212, 236 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 246, 212, 236 Background



This preview shows how black text looks on a background with the RYB color 246, 212, 236.

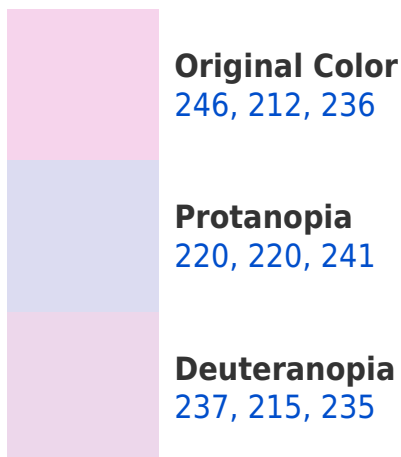



This preview shows how white text looks on a background with the RYB color 246, 212, 236.

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





Tritanopia
245, 213, 230

Trichromacy



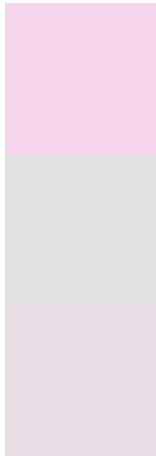
Original Color
246, 212, 236

Protanomaly
229, 217, 239

Deuteranomaly
240, 214, 235

Tritanomaly
245, 213, 232

Monochromacy



Original Color
246, 212, 236

Achromatopsia
225, 225, 225

Achromatomaly
233, 220, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 212, 236 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(246, 212, 236) looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 236)  
}
```

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(246, 212, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 236) }
```

Border

The CSS property to change the border of an element to RYB 246, 212, 236 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(246, 212, 236) }
```

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

```
.border{ border-color:rgb(246, 212, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 212, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 246, 212, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 236) }
```

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

```
.background{ background-color: rgb(246,  
212, 236) }
```

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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