

Converting Colors

`RYB(242, 206, 230)`

Have a look what the booklet for
RYB(242, 206, 230) contains.

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Color

R_YB(242, 206, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F2CEE6
RGB	242, 206, 230
RGB Percent	95%, 81%, 90%
CMY	0.0510, 0.1922, 0.0980
CMYK	0.00, 0.15, 0.05, 0.05
HSL	320°, 58%, 88%
HSV	320°, 15%, 95%
XYZ	72.9722, 68.7330, 84.2837
YIQ	219.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

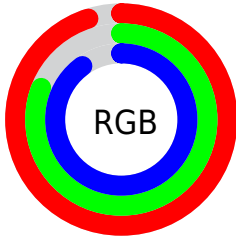
Format	Color
R _Y B	242, 206, 230
Decimal	15912678
CIE Lab	86.37, 16.58, -7.13
CIE LCh	86, 18.048, 336.720
Yxy	68.7330, 0.3229, 0.3041
Android (android.graphics.Color)	4294102758 (0xFF2CEE6)
YUV	219.5000, 5.1765, 19.7325
Hunter-Lab	82.9054, 12.0288, -2.2419

Details

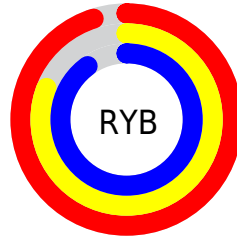
The RYB color **242, 206, 230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 233, 242**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 152, 175** is the 20% darker color. If you saturate the color by 10%, you get **242, 182, 222**, and if you desaturate by 10%, it is **242, 230, 238**.

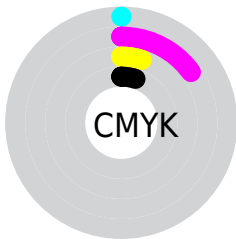
Distribution



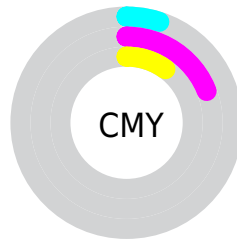
- Red (95%)
- Green (81%)
- Blue (90%)



- Red (95%)
- Yellow (81%)
- Blue (90%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 206, 230 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 242, 206, 230 by changing the saturation by 10% instead.

■ 242, 206, 230

255, 255, 255

■ 242, 206, 230

■ 214, 178, 202

■ 186, 152, 175

■ 159, 126, 148

■ 132, 101, 122

■ 107, 76, 97

■ 82, 53, 74


■ 59, 32, 51

■ 37, 10, 30


■ 1, 0, 2

 242, 206, 230


 242, 206, 230

 242, 182, 222


 242, 230, 238

 242, 158, 214

 242, 251, 254

 242, 133, 206

 242, 249, 255


 242, 109, 198

 242, 249, 255

 242, 85, 190

 242, 61, 182

 242, 37, 174

 242, 12, 165

 242, 0, 161

Harmonies

Analogous

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



224, 211, 244



242, 206, 230



252, 204, 213

Triad

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



242, 206, 230



195, 226, 182



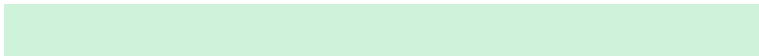
172, 201, 236

Complementary

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



242, 206, 230



206, 233, 242

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.



175, 202, 226



242, 206, 230



188, 221, 203

Square

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



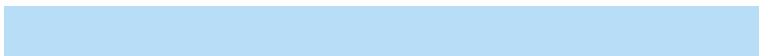
242, 206, 230



242, 233, 185



188, 215, 225



183, 207, 247

Rectangle

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



242, 206, 230



252, 205, 201



188, 215, 225



171, 200, 231

Sweetspot

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



242, 206, 230



255, 245, 252



218, 206, 242



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



242, 206, 230



255, 209, 240



242, 206, 212



120, 108, 116



184, 0, 122



56, 0, 37

Inverse Universe

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



242, 206, 230



255, 209, 240



206, 226, 242



120, 108, 116



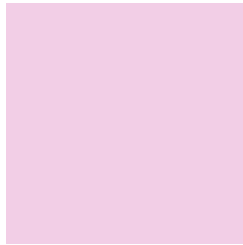
184, 0, 122



56, 0, 37

Previews

White Background



This preview shows how the RYB color 242, 206, 230 looks on a white background.

Color Contrast Check

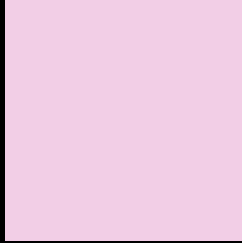
Large Text (above 18pt) WCAG AA × Fail

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 242, 206, 230 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 242, 206, 230 Background



This preview shows how black text looks on a background with the RYB color 242, 206, 230.



This preview shows how white text looks on a background with the RYB color 242, 206, 230.

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
242, 206, 230

Protanopia
215, 215, 235

Deuteranopia
231, 210, 229



Tritanopia

241, 207, 223

Trichromacy



Original Color

242, 206, 230

Protanomaly

225, 212, 233

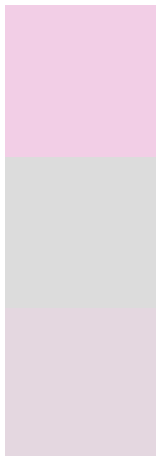
Deuteranomaly

235, 209, 229

Tritanomaly

241, 207, 226

Monochromacy



Original Color

242, 206, 230

Achromatopsia

220, 220, 220

Achromatomaly

228, 215, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 206, 230 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(242, 206, 230) looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 230)  
}
```

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(242, 206, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 230) }
```

Border

The CSS property to change the border of an element to RYB 242, 206, 230 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(242, 206, 230) }
```

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

```
.border{ border-color:rgb(242, 206, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 206, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 242, 206, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 230) }
```

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

```
.background{ background-color: rgb(242,  
206, 230) }
```

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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