

Converting Colors

`RYB(238, 202, 228)`

Have a look what the booklet for
RYB(238, 202, 228) contains.

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Color

R_YB(238, 202, 228)

Conversions

Conversions Part 1

Format	Color
Hex	EECAE4
RGB	238, 202, 228
RGB Percent	93%, 79%, 89%
CMY	0.0667, 0.2078, 0.1059
CMYK	0.00, 0.15, 0.04, 0.07
HSL	317°, 51%, 86%
HSV	317°, 15%, 93%
XYZ	70.3840, 66.0196, 82.4322
YIQ	215.7280, 13.1100, 15.7180

Conversions

Conversions Part 2

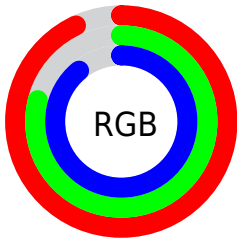
Format	Color
R_{YB}	238, 202, 228
Decimal	15649508
CIE Lab	85.01, 16.99, -8.13
CIE LCh	85, 18.832, 334.415
Yxy	66.0196, 0.3216, 0.3017
Android (android.graphics.Color)	4293839588 (0xFFEECAE4)
YUV	215.7280, 6.0501, 19.5325
Hunter-Lab	81.2525, 12.4317, -3.2741

Details

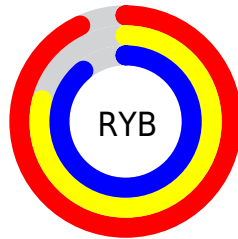
The RYB color **238, 202, 228** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **202, 230, 238**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 148, 173** is the 20% darker color. If you saturate the color by 10%, you get **238, 178, 221**, and if you desaturate by 10%, it is **238, 226, 235**.

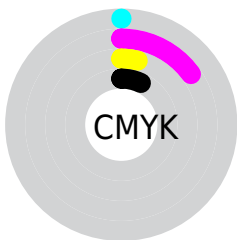
Distribution



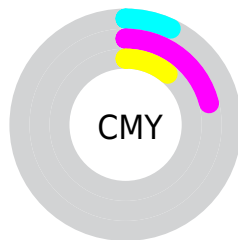
- Red (93%)
- Green (79%)
- Blue (89%)



- Red (93%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 202, 228 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 238, 202, 228 by changing the saturation by 10% instead.

 238, 202, 228

 238, 202, 228

255, 255, 255


 210, 175, 200

 182, 148, 173

 155, 122, 146

 129, 97, 120

 103, 73, 96

 79, 50, 72

 56, 29, 49

 34, 6, 28

 0, 0, 0

■ 238, 202, 228

■ 238, 202, 228

■ 238, 178, 221

■ 238, 226, 235

■ 238, 154, 215

■ 238, 248, 250

■ 238, 131, 208

■ 238, 249, 255

■ 238, 107, 202

■ 238, 247, 255

■ 238, 83, 195

■ 238, 247, 255

■ 238, 59, 188

■ 238, 35, 182

■ 238, 12, 175

■ 238, 0, 172

Harmonies

Analogous

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



219, 207, 242



238, 202, 228



249, 200, 210

Triad

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



238, 202, 228



193, 224, 177



166, 196, 232

Complementary

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



238, 202, 228



202, 230, 238

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, 198, 223



238, 202, 228



183, 217, 196

Square

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



238, 202, 228



240, 224, 181



184, 212, 221



176, 202, 244

Rectangle

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



238, 202, 228



250, 201, 198



184, 212, 221



166, 195, 226

Sweetspot

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



238, 202, 228



255, 242, 251



212, 202, 238



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



238, 202, 228



255, 209, 242



238, 202, 210



120, 108, 117



184, 0, 133



56, 0, 41

Inverse Universe

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



238, 202, 228



255, 209, 242



202, 222, 238



120, 108, 117



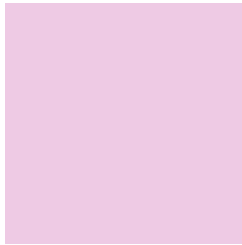
184, 0, 133



56, 0, 41

Previews

White Background



This preview shows how the RYB color 238, 202, 228 looks on a white background.

Color Contrast Check

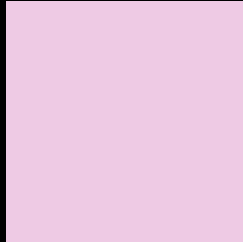
Large Text (above 18pt) WCAG AA × Fail

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 238, 202, 228 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](#).

R Y B 238, 202, 228 Background



This preview shows how black text looks on a background with the R Y B color 238, 202, 228.



This preview shows how white text looks on a background with the R Y B color 238, 202, 228.

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
238, 202, 228

Protanopia
210, 211, 234

Deuteranopia
226, 206, 227



Tritanopia
237, 203, 219

Trichromacy



Original Color

238, 202, 228

Protanomaly

220, 208, 232

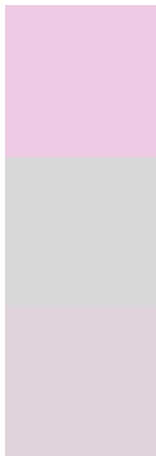
Deuteranomaly

230, 205, 227

Tritanomaly

237, 203, 222

Monochromacy



Original Color

238, 202, 228

Achromatopsia

216, 216, 216

Achromatomaly

224, 211, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 202, 228 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(238, 202, 228) looks like.

```
.text, #text, p{  
    color:rgb(238, 202, 228)  
}
```

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(238, 202, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 202, 228) }
```

Border

The CSS property to change the border of an element to RYB 238, 202, 228 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(238, 202, 228) }
```

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

```
.border{ border-color:rgb(238, 202, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 202, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 202, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 202, 228);  
box-shadow:4px 4px 4px 4px rgb(238, 202,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 238, 202, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 202, 228) }
```

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

```
.background{ background-color: rgb(238,  
202, 228) }
```

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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