

Converting Colors

`RYB(232, 203, 246)`

Have a look what the booklet for
RYB(232, 203, 246) contains.

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Color

R_YB(232, 203, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E8CBF6
RGB	232, 203, 246
RGB Percent	91%, 80%, 96%
CMY	0.0902, 0.2039, 0.0353
CMYK	0.06, 0.17, 0.00, 0.04
HSL	280°, 70%, 88%
HSV	280°, 17%, 96%
XYZ	71.2692, 66.5215, 96.2724
YIQ	216.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

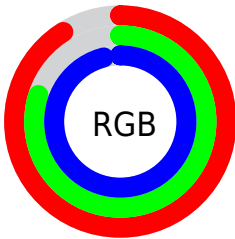
Format	Color
R_{YB}	232, 203, 246
Decimal	15256566
CIE _{Lab}	85.26, 17.77, -17.37
CIE _{LCh}	85, 24.852, 315.656
Yxy	66.5215, 0.3045, 0.2842
Android (android.graphics.Color)	4293446646 (0xFFE8CBF6)
YUV	216.5730, 14.5075, 13.5295
Hunter-Lab	81.5607, 13.2452, -12.8921

Details

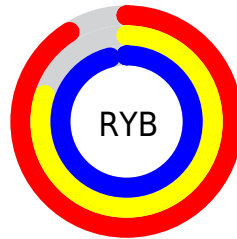
The RYB color **232, 203, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **203, 246, 232**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 149, 190** is the 20% darker color. If you saturate the color by 10%, you get **224, 178, 246**, and if you desaturate by 10%, it is **240, 228, 246**.

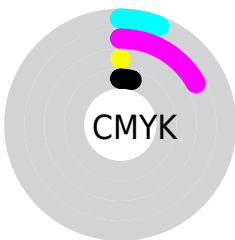
Distribution



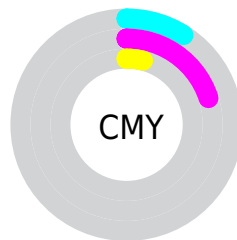
- Red (91%)
- Green (80%)
- Blue (96%)



- Red (91%)
- Yellow (80%)
- Blue (96%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 203, 246 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 232, 203, 246 by changing the saturation by 10% instead.

■ 232, 203, 246

255, 255, 255

■ 232, 203, 246

■ 204, 176, 217

■ 176, 149, 190

■ 149, 123, 163

■ 123, 98, 136

■ 98, 74, 111

■ 74, 51, 86

■ 51, 29, 63

■ 29, 7, 41

■ 0, 1, 20

232, 203, 246

232, 203, 246

224, 178, 246

240, 228, 246

216, 154, 246

246, 252, 250

208, 129, 246

246, 255, 246

200, 105, 246

192, 80, 246

184, 55, 246

176, 31, 246

168, 6, 246

166, 0, 246

Harmonies

Analogous

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



202, 210, 255



232, 203, 246



253, 197, 225

Triad

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



232, 203, 246



228, 241, 168



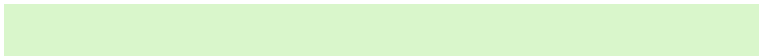
150, 188, 226

Complementary

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



232, 203, 246



203, 246, 232

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.



166, 204, 226



232, 203, 246



171, 218, 168

Square

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



232, 203, 246



255, 209, 180



180, 222, 211



151, 192, 246

Rectangle

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



232, 203, 246



255, 196, 209



180, 222, 211



154, 193, 227

Sweetspot

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



232, 203, 246



251, 242, 255



203, 214, 246



125, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 203, 246



238, 201, 255



246, 203, 239



118, 110, 122



126, 0, 186



40, 0, 59

Inverse Universe

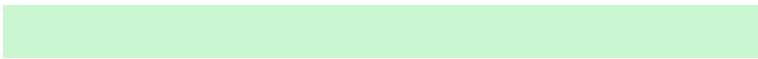
The Inverse Universe completely reimagines the original color for something new.



246, 203, 217



255, 201, 219



203, 240, 246



122, 110, 114



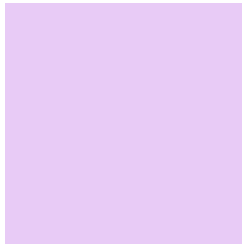
186, 0, 61



59, 0, 19

Previews

White Background



This preview shows how the RYB color 232, 203, 246 looks on a white background.

Color Contrast Check

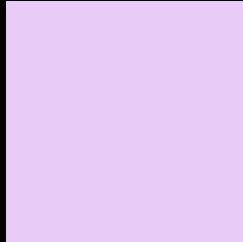
Large Text (above 18pt) WCAG AA × Fail

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 232, 203, 246 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

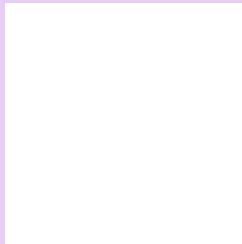
Any Text WCAG AAA ✓ Pass

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

RYB 232, 203, 246 Background



This preview shows how black text looks on a background with the RYB color 232, 203, 246.

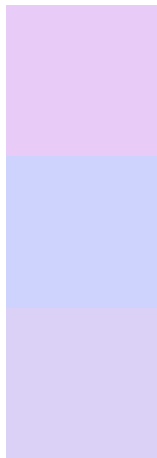


This preview shows how white text looks on a background with the RYB color 232, 203, 246.

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
232, 203, 246

Protanopia
205, 210, 252

Deuteranopia
219, 208, 245



Tritanopia
229, 207, 223

Trichromacy



Original Color
232, 203, 246

Protanomaly
215, 208, 250

Deuteranomaly
224, 206, 245

Tritanomaly
230, 206, 231

Monochromacy



Original Color
232, 203, 246

Achromatopsia
217, 217, 217

Achromatomaly
222, 212, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 203, 246 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(232, 203, 246) looks like.

```
.text, #text, p{  
    color:rgb(232, 203, 246)  
}
```

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(232, 203, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 246) }
```

Border

The CSS property to change the border of an element to RYB 232, 203, 246 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(232, 203, 246) }
```

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

```
.border{ border-color:rgb(232, 203, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 203, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 203, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 203, 246);  
box-shadow:4px 4px 4px 4px rgb(232, 203,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 232, 203, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 203, 246) }
```

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

```
.background{ background-color: rgb(232,  
203, 246) }
```

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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