

Converting Colors

`RYB(244, 232, 253)`

Have a look what the booklet for RYB(244, 232, 253) contains.

RYB(244, 232, 253)	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(244, 232, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F4E8FD
RGB	244, 232, 253
RGB Percent	96%, 91%, 99%
CMY	0.0431, 0.0902, 0.0078
CMYK	0.04, 0.08, 0.00, 0.01
HSL	274°, 84%, 95%
HSV	274°, 8%, 99%
XYZ	83.8945, 84.0382, 104.7278
YIQ	237.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

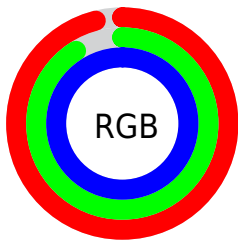
Format	Color
R_{YB}	244, 232, 253
Decimal	16050429
CIE _{Lab}	93.47, 7.78, -8.69
CIE _{LCh}	93, 11.664, 311.864
Yxy	84.0382, 0.3077, 0.3082
Android (android.graphics.Color)	4294240509 (0xFFFF4E8FD)
YUV	237.9820, 7.4039, 5.2778
Hunter-Lab	91.6723, 2.9287, -3.5631

Details

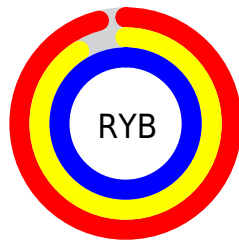
The RYB color **244, 232, 253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 253, 244**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **188, 176, 196** is the 20% darker color. If you saturate the color by 10%, you get **233, 207, 253**, and if you desaturate by 10%, it is **253, 255, 253**.

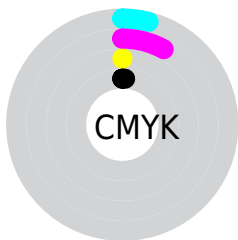
Distribution



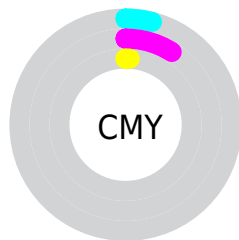
- Red (96%)
- Green (91%)
- Blue (99%)



- Red (96%)
- Yellow (91%)
- Blue (99%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 232, 253 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 244, 232, 253 by changing the saturation by 10% instead.


 244, 232, 253

255, 255, 255

 244, 232, 253

 216, 204, 224

 188, 176, 196

 161, 150, 169

 135, 124, 143

 109, 99, 117

 85, 75, 92

 62, 52, 69

 40, 31, 47

 20, 7, 26

■ 244, 232, 253

■ 244, 232, 253

■ 233, 207, 253

253, 255, 253

■ 222, 181, 253

■ 211, 156, 253

■ 201, 131, 253

■ 190, 105, 253

■ 179, 80, 253

■ 168, 55, 253

■ 157, 30, 253

■ 146, 4, 253

Harmonies

Analogous

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



230, 235, 255



244, 232, 253



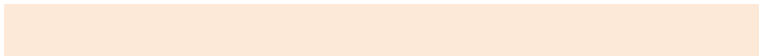
255, 229, 243

Triad

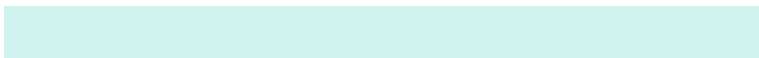
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244, 232, 253



252, 250, 215



209, 227, 243

Complementary

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



244, 232, 253



232, 253, 244

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.



216, 233, 242



244, 232, 253



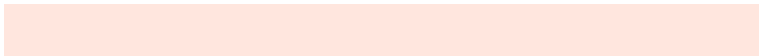
219, 241, 214

Square

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



244, 232, 253



255, 233, 222



219, 240, 231



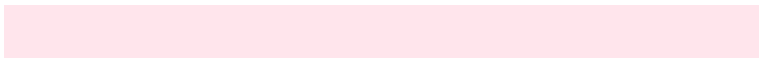
210, 228, 251

Rectangle

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



244, 232, 253



255, 229, 236



219, 240, 231



211, 229, 243

Sweetspot

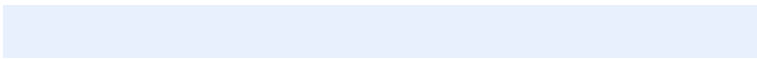
The Sweet Spot groups the original color and five complimentary colors.



244, 232, 253



253, 250, 255



232, 238, 253



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



244, 232, 253



244, 230, 255



253, 232, 252



122, 115, 128



109, 0, 191



36, 0, 64

Inverse Universe

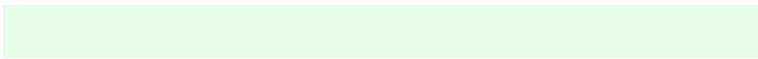
The Inverse Universe completely reimagines the original color for something new.



253, 232, 241



255, 230, 240



232, 252, 253



128, 115, 120



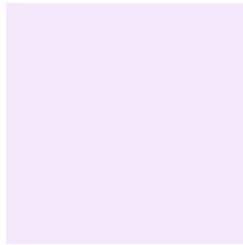
191, 0, 82



64, 0, 27

Previews

White Background



This preview shows how the RYB color 244, 232, 253 looks on a white background.

Color Contrast Check

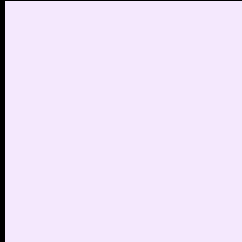
Large Text (above 18pt) WCAG AA × Fail

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 244, 232, 253 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

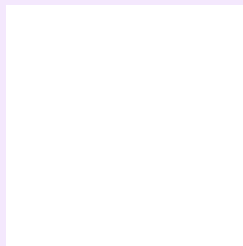
Any Text WCAG AAA ✓ Pass

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

RYB 244, 232, 253 Background



This preview shows how black text looks on a background with the RYB color 244, 232, 253.

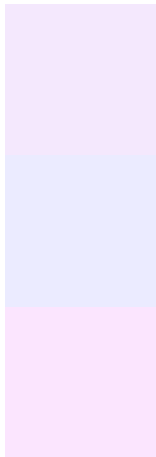


This preview shows how white text looks on a background with the RYB color 244, 232, 253.

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
244, 232, 253

Protanopia
235, 235, 255

Deuteranopia
251, 229, 254



Tritanopia
244, 232, 251

Trichromacy



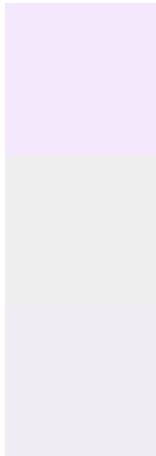
Original Color
244, 232, 253

Protanomaly
238, 234, 254

Deuteranomaly
248, 230, 254

Tritanomaly
244, 232, 252

Monochromacy



Original Color
244, 232, 253

Achromatopsia
238, 238, 238

Achromatomaly
240, 236, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 232, 253 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(244, 232, 253) looks like.

```
.text, #text, p{  
    color:rgb(244, 232, 253)  
}
```

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(244, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 232, 253) }
```

Border

The CSS property to change the border of an element to RYB 244, 232, 253 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(244, 232, 253) }
```

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

```
.border{ border-color:rgb(244, 232, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 232, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 232, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 232, 253); box-shadow:4px 4px 4px 4px rgb(244, 232, 253) }
```

Background

The CSS property to change the background color of an element to RYB 244, 232, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 232, 253) }
```

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

```
.background{ background-color: rgb(244,  
232, 253) }
```

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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