

# Converting Colors

`RYB(254, 232, 250)`

Have a look what the booklet for  
RYB(254, 232, 250) contains.

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# Color

**R<sub>Y</sub>B(254, 232, 250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE8FA
RGB	254, 232, 250
RGB Percent	100%, 91%, 98%
CMY	0.0039, 0.0902, 0.0196
CMYK	0.00, 0.09, 0.02, 0.00
HSL	311°, 92%, 95%
HSV	311°, 9%, 100%
XYZ	86.9850, 85.6862, 102.3970
YIQ	240.6300, 7.3340, 10.2620

# Conversions

## Conversions Part 2

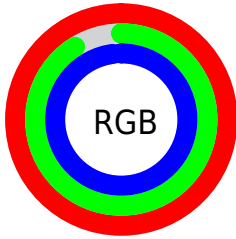
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 232, 250
Decimal	16705786
CIE Lab	94.18, 10.54, -5.99
CIE LCh	94, 12.119, 330.406
Yxy	85.6862, 0.3162, 0.3115
Android (android.graphics.Color)	4294895866 (0xFFFE8FA)
YUV	240.6300, 4.6194, 11.7255
Hunter-Lab	92.5668, 5.7444, -0.7895

# Details

The RYB color **254, 232, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 251, 254**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **197, 176, 194** is the 20% darker color. If you saturate the color by 10%, you get **254, 207, 245**, and if you desaturate by 10%, it is 254, 255, 255.

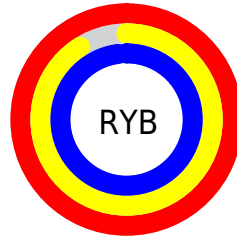
# Distribution



Red (100%)

Green (91%)

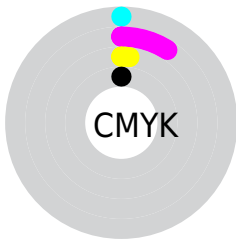
Blue (98%)



Red (100%)

Yellow (91%)

Blue (98%)

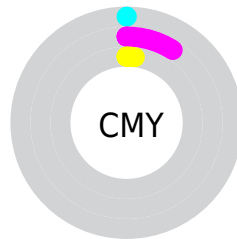


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 254, 232, 250 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 254, 232, 250 by changing the saturation by 10% instead.





 254, 232, 250

255, 255, 255

 254, 232, 250


 225, 204, 221

 197, 176, 194

 170, 150, 166

 143, 124, 140

 118, 99, 115

 93, 75, 90

 69, 52, 67

 47, 31, 44

 27, 8, 24

254, 232, 250

254, 232, 250

254, 207, 245

254, 255, 255

254, 181, 241

254, 156, 236

254, 130, 232

254, 105, 227

254, 80, 222

254, 54, 218

254, 29, 213

254, 3, 208

# Harmonies

## Analogous

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



241, 235, 255



254, 232, 250



255, 230, 238

# Triad

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



254, 232, 250



232, 248, 215



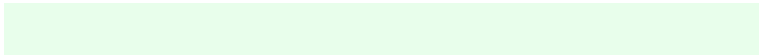
209, 228, 250

# Complementary

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



254, 232, 250



232, 251, 254

# 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.



212, 230, 245



254, 232, 250



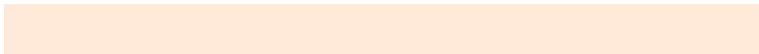
218, 241, 224

# Square

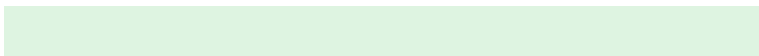
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



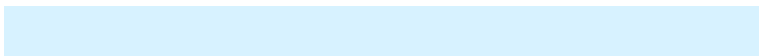
254, 232, 250



255, 246, 218



222, 241, 244



215, 231, 255

# Rectangle

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



254, 232, 250



255, 231, 231



222, 241, 244



209, 227, 246

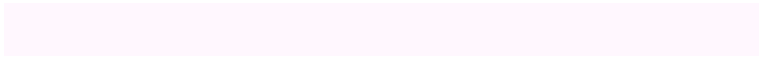


# Sweetspot

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



254, 232, 250



255, 247, 254



236, 232, 254



128, 122, 127



0, 0, 0



128, 128, 128



# Same Dimension

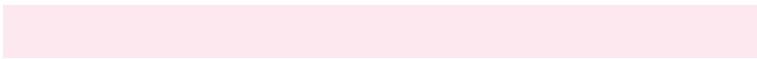
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 232, 250



255, 230, 250



254, 232, 239



128, 115, 125



191, 0, 156



64, 0, 52



# Inverse Universe

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



254, 232, 250



255, 230, 250



232, 245, 254



128, 115, 125



191, 0, 156



64, 0, 52



# Previews

## White Background



This preview shows how the RYB color 254, 232, 250 looks on a white background.

## Color Contrast Check

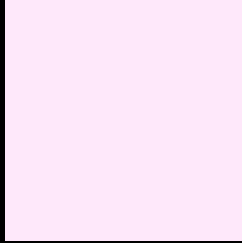
Large Text (above 18pt) WCAG AA × Fail

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 254, 232, 250 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 254, 232, 250 Background**



This preview shows how black text looks on a background with the RYB color 254, 232, 250.



This preview shows how white text looks on a background with the RYB color 254, 232, 250.

# 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**  
254, 232, 250

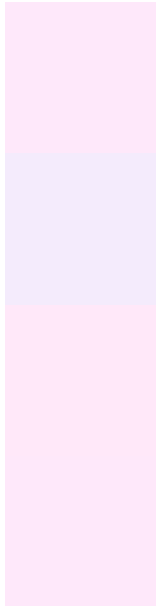
**Protanopia**  
238, 237, 253

**Deuteranopia**  
255, 232, 249



**Tritanopia**  
254, 232, 250

# Trichromacy



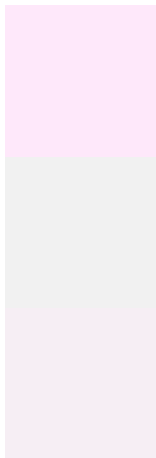
**Original Color**  
254, 232, 250

**Protanomaly**  
244, 235, 252

**Deuteranomaly**  
255, 232, 249

**Tritanomaly**  
254, 232, 250

# Monochromacy



**Original Color**  
254, 232, 250

**Achromatopsia**  
241, 241, 241

**Achromatomaly**  
246, 238, 244

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 254, 232, 250 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(254, 232, 250) looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 250)  
}
```

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(254, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 250) }
```

## Border

The CSS property to change the border of an element to RYB 254, 232, 250 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(254, 232, 250) }
```

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

```
.border{ border-color:rgb(254, 232, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
250) }
```

# Background

The CSS property to change the background color of an element to RYB 254, 232, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 250) }
```

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

```
.background{ background-color: rgb(254,  
232, 250) }
```

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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