

Converting Colors

`RYB(254, 219, 242)`

Have a look what the booklet for
RYB(254, 219, 242) contains.

RYB(254, 219, 242)	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(254, 219, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBF2
RGB	254, 219, 242
RGB Percent	100%, 86%, 95%
CMY	0.0039, 0.1412, 0.0510
CMYK	0.00, 0.14, 0.05, 0.00
HSL	321°, 95%, 93%
HSV	321°, 14%, 100%
XYZ	82.2316, 78.1447, 94.7538
YIQ	232.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

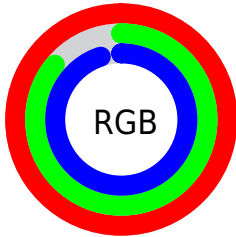
Format	Color
R _{YB}	254, 219, 242
Decimal	16702450
CIE Lab	90.85, 15.89, -6.73
CIE LCh	91, 17.258, 337.054
Yxy	78.1447, 0.3223, 0.3063
Android (android.graphics.Color)	4294892530 (0xFFFE DBF2)
YUV	232.0870, 4.8871, 19.2177
Hunter-Lab	88.3995, 11.3464, -1.6722

Details

The RYB color **254, 219, 242** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219, 245, 254**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 164, 186** is the 20% darker color. If you saturate the color by 10%, you get **254, 194, 233**, and if you desaturate by 10%, it is **254, 244, 251**.

Distribution



Red (100%)

Green (86%)

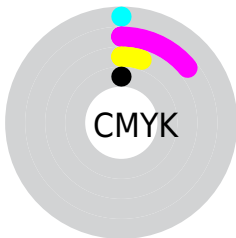
Blue (95%)



Red (100%)

Yellow (86%)

Blue (95%)



Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 219, 242 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, 219, 242 by changing the saturation by 10% instead.


 254, 219, 242

255, 255, 255

 254, 219, 242

 225, 191, 214

 197, 164, 186

 170, 138, 159

 143, 112, 133

 117, 87, 108

 92, 64, 83

 68, 42, 60

 46, 21, 39

 27, 0, 18

254, 219, 242

254, 219, 242

254, 194, 233

254, 244, 251

254, 168, 225

254, 255, 255

254, 143, 216

254, 117, 207

254, 92, 198

254, 67, 190

254, 41, 181

254, 16, 172

254, 0, 167

Harmonies

Analogous

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



237, 223, 255



254, 219, 242



255, 217, 225

Triad

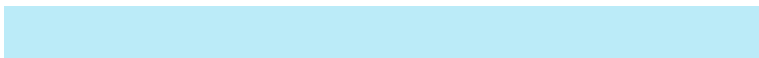
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 219, 242



207, 238, 196



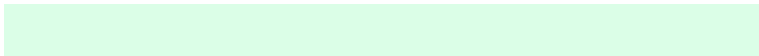
187, 214, 248

Complementary

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



254, 219, 242



219, 245, 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.



189, 216, 239



254, 219, 242



202, 234, 217

Square

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



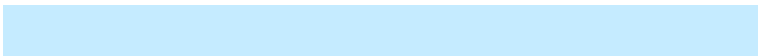
254, 219, 242



254, 242, 199



201, 227, 237



197, 220, 255

Rectangle

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



254, 219, 242



255, 218, 214



201, 227, 237



186, 213, 243

Sweetspot

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



254, 219, 242



255, 245, 252



231, 219, 254



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



254, 219, 242



255, 212, 240



254, 219, 225



128, 115, 123



191, 0, 126



64, 0, 42

Inverse Universe

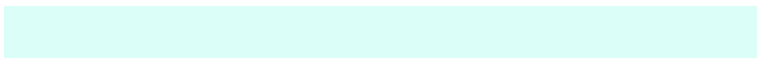
The Inverse Universe completely reimagines the original color for something new.



254, 219, 242



255, 212, 240



219, 238, 254



128, 115, 123



191, 0, 126



64, 0, 42

Previews

White Background



This preview shows how the RYB color 254, 219, 242 looks on a white background.

Color Contrast Check

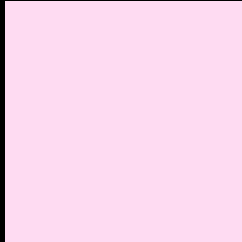
Large Text (above 18pt) WCAG AA × Fail

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, 219, 242 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, 219, 242 Background



This preview shows how black text looks on a background with the RYB color 254, 219, 242.



This preview shows how white text looks on a background with the RYB color 254, 219, 242.

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, 219, 242

Protanopia
228, 227, 247

Deuteranopia
245, 222, 241



Tritanopia
253, 220, 237

Trichromacy



Original Color

254, 219, 242

Protanomaly

237, 224, 245

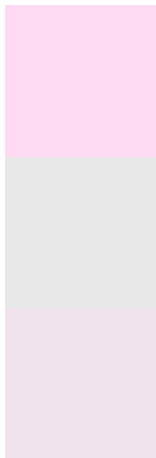
Deuteranomaly

248, 221, 241

Tritanomaly

253, 220, 239

Monochromacy



Original Color

254, 219, 242

Achromatopsia

232, 232, 232

Achromatomaly

240, 227, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 219, 242 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, 219, 242) looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 242)  
}
```

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, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 242) }
```

Border

The CSS property to change the border of an element to RYB 254, 219, 242 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, 219, 242) }
```

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

```
.border{ border-color:rgb(254, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 254, 219, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 242) }
```

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

```
.background{ background-color: rgb(254,  
219, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor