

Converting Colors

`RYB(242, 219, 255)`

Have a look what the booklet for
RYB(242, 219, 255) contains.

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Color

R_YB(242, 219, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBFF
RGB	242, 219, 255
RGB Percent	95%, 86%, 100%
CMY	0.0510, 0.1412, 0.0000
CMYK	0.05, 0.14, 0.00, 0.00
HSL	278°, 100%, 93%
HSV	278°, 14%, 100%
XYZ	79.9995, 76.7603, 105.2075
YIQ	229.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

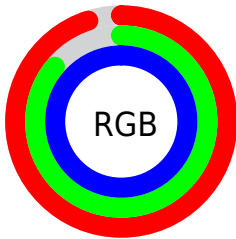
Format	Color
R_{YB}	242, 219, 255
Decimal	15916031
CIE _{Lab}	90.21, 14.28, -14.60
CIE _{LCh}	90, 20.422, 314.358
Yxy	76.7603, 0.3054, 0.2930
Android (android.graphics.Color)	4294106111 (0xFFFF2DBFF)
YUV	229.9810, 12.3344, 10.5407
Hunter-Lab	87.6129, 9.6659, -9.8677

Details

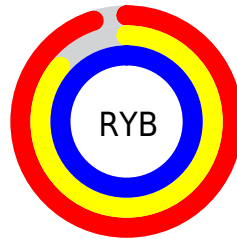
The RYB color **242, 219, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **219, 255, 242**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 164, 198** is the 20% darker color. If you saturate the color by 10%, you get **233, 194, 255**, and if you desaturate by 10%, it is **251, 244, 255**.

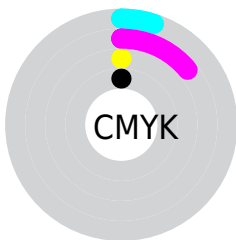
Distribution



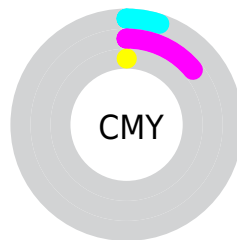
- Red (95%)
- Green (86%)
- Blue (100%)



- Red (95%)
- Yellow (86%)
- Blue (100%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 219, 255 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 242, 219, 255 by changing the saturation by 10% instead.

■ 242, 219, 255

255, 255, 255

■ 242, 219, 255

■ 214, 191, 226

■ 186, 164, 198

■ 159, 138, 171

■ 132, 112, 144

■ 107, 88, 119

■ 83, 64, 94


■ 59, 42, 70


■ 37, 21, 48


■ 19, 0, 27

 242, 219, 255


 242, 219, 255


 233, 194, 255

 251, 244, 255

 224, 168, 255

255, 255, 255


 214, 143, 255

 205, 117, 255

 196, 91, 255

 187, 66, 255

 178, 40, 255

 168, 15, 255

 163, 0, 255

Harmonies

Analogous

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



217, 224, 255



242, 219, 255



255, 214, 238

Triad

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



242, 219, 255



248, 252, 190



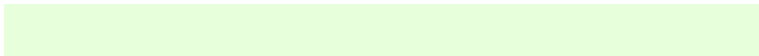
177, 208, 238

Complementary

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



242, 219, 255



219, 255, 242

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.



190, 221, 238



242, 219, 255



193, 233, 189

Square

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



242, 219, 255



255, 225, 200



199, 234, 223



178, 211, 254

Rectangle

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



242, 219, 255



255, 213, 225



199, 234, 223



180, 211, 238

Sweetspot

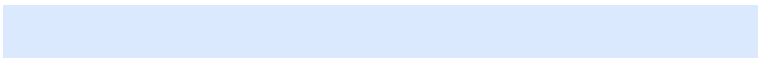
The Sweet Spot groups the original color and five complimentary colors.



242, 219, 255



251, 245, 255



219, 229, 255



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 219, 255



239, 212, 255



255, 219, 250



123, 115, 128



122, 0, 191



41, 0, 64

Inverse Universe

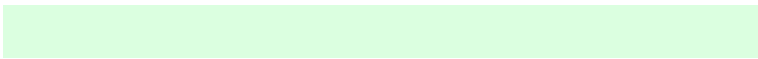
The Inverse Universe completely reimagines the original color for something new.



255, 219, 232



255, 212, 227



219, 251, 255



128, 115, 119



191, 0, 69



64, 0, 23

Previews

White Background



This preview shows how the RYB color 242, 219, 255 looks on a white background.

Color Contrast Check

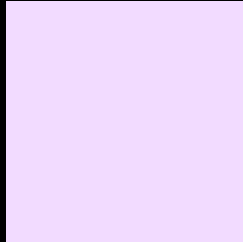
Large Text (above 18pt) WCAG AA × Fail

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 242, 219, 255 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

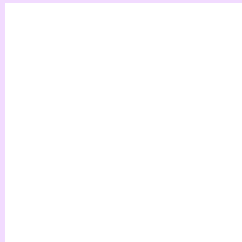
Any Text WCAG AAA ✓ Pass

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

RYB 242, 219, 255 Background



This preview shows how black text looks on a background with the RYB color 242, 219, 255.

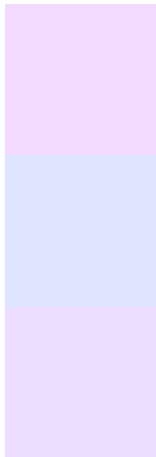


This preview shows how white text looks on a background with the RYB color 242, 219, 255.

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
242, 219, 255

Protanopia
222, 226, 255

Deuteranopia
236, 221, 255



Tritanopia

240, 222, 239

Trichromacy



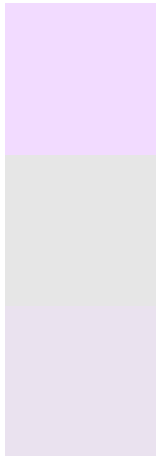
Original Color
242, 219, 255

Protanomaly
229, 223, 255

Deuteranomaly
238, 220, 255

Tritanomaly
241, 221, 245

Monochromacy



Original Color
242, 219, 255

Achromatopsia
230, 230, 230

Achromatomaly
234, 226, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 219, 255 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(242, 219, 255) looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 255)  
}
```

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(242, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 255) }
```

Border

The CSS property to change the border of an element to RYB 242, 219, 255 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(242, 219, 255) }
```

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

```
.border{ border-color:rgb(242, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 242, 219, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 255) }
```

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

```
.background{ background-color: rgb(242,  
219, 255) }
```

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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