Converting Colors

RGB(245, 221, 252)

Have a look what the booklet for RGB(245, 221, 252) contains.

Color

RGB(245, 221, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDFC
RGB	245, 221, 252
RGB Percent	96%, 87%, 99%
CMY	0.0392, 0.1333, 0.0118
CMYK	0.03, 0.12, 0.00, 0.01
HSL	286°, 84%, 93%
HSV	286°, 12%, 99%
XYZ	81.0833, 78.1537, 102.9071
YIQ	231.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

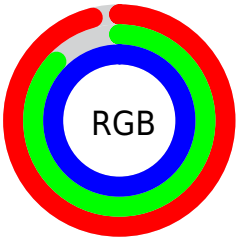
Format	Color
RYB	245, 221, 252
Decimal	16113148
CIELab	90.85, 13.65, -12.05
CIELCh	91, 18.204, 318.560
Yxy	78.1537, 0.3093, 0.2981
Android (android.graphics.Color)	4294303228 (0xFFF5DDFC)
YUV	231.7100, 10.0030, 11.6553
Hunter-Lab	88.4046, 9.0095, -7.1332

Details

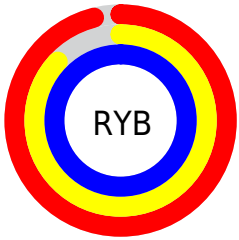
The RGB color 245, 221, 252 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 228, 252, 221, and the grayscale version is 232, 232, 232.

A 20% lighter version of the original color is 255, 255, 255, and 189, 166, 195 is the 20% darker color. If you saturate the color by 10%, you get 239, 196, 252, and if you desaturate by 10%, it is 251, 246, 252.

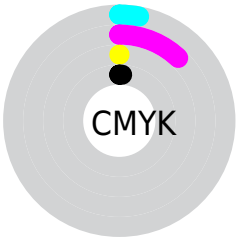
Distribution



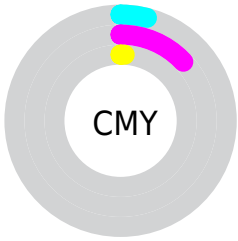
- Red (96%)
- Green (87%)
- Blue (99%)



- Red (96%)
- Yellow (87%)
- Blue (99%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 221, 252 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 RGB color 245, 221, 252 by changing the saturation by 10% instead.

245, 221, 252

255, 255, 255

245, 221, 252

216, 193, 223

189, 166, 195

162, 140, 168

135, 114, 142

110, 89, 116

85, 66, 92

62, 44, 68

40, 23, 46

21, 0, 26

245, 221, 252

239, 196, 252

234, 171, 252

228, 145, 252

222, 120, 252

217, 95, 252

211, 70, 252

205, 45, 252

199, 19, 252

195, 0, 252

245, 221, 252

251, 246, 252

255, 255, 252

Harmonies

Analogous

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

224, 227, 255

245, 221, 252

255, 217, 236

Triad

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

245, 221, 252

249, 225, 195

184, 239, 239

Complementary

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

245, 221, 252

228, 252, 221

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.

194, 239, 221

245, 221, 252

231, 231, 196

Square

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

245, 221, 252

255, 220, 203

211, 236, 205

187, 237, 254

Rectangle

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

245, 221, 252

255, 217, 224

211, 236, 205

186, 239, 233

Sweetspot

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

245, 221, 252

253, 245, 255

221, 228, 252

126, 121, 128

0, 0, 0

128, 128, 128

Same Dimension

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

245, 221, 252

246, 217, 255

252, 221, 244

122, 112, 125

146, 0, 189

47, 0, 61

Inverse Universe

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

252, 221, 228

255, 217, 225

221, 252, 229

125, 112, 115

189, 0, 43

61, 0, 14

Previews

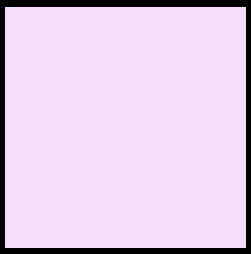
White Background

This preview shows how the RGB color 245, 221, 252 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



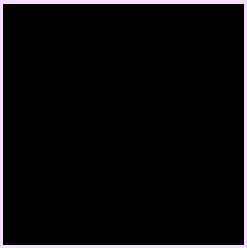
This preview shows how the RGB color 245, 221, 252 looks on a black background.

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.

RGB 245, 221, 252 Background



This preview shows how black text looks on a background with the RGB color 245, 221, 252.

This preview shows how white text looks on a background with the RGB color 245, 221, 252.

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
245, 221, 252

Protanopia
225, 227, 255

Deuteranopia
241, 223, 252

Tritanopia
243, 223, 240

Trichromacy

Original Color
245, 221, 252

Protanomaly
232, 225, 254

Deuteranomaly
242, 222, 252

Tritanomaly
244, 222, 244

Monochromacy

Original Color
245, 221, 252

Achromatopsia
232, 232, 232

Achromatomaly
237, 228, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 221, 252 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(245, 221, 252) looks like.

```
.text, #text, p{
    color:rgb(245, 221, 252)
}
```

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(245, 221, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 252) }
```

Border

The CSS property to change the border of an element to RGB 245, 221, 252 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(245, 221, 252) }
```

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

```
.border{ border-color:rgb(245, 221, 252) }
```

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

Here you see how a box with a 4 pixel rgb(245, 221, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 221, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 221, 252); box-shadow:4px 4px 4px 4px rgb(245, 221, 252) }
```

Background

The CSS property to change the background color of an element to RGB 245, 221, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 221, 252) }
```

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

```
.background{ background-color:rgb(245,
221, 252) }
```

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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