

Converting Colors

RGB(247, 218, 246)

Have a look what the booklet for
RGB(247, 218, 246) contains.

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Color

RGB(247, 218, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F7DAF6
RGB	247, 218, 246
RGB Percent	97%, 85%, 96%
CMY	0.0314, 0.1451, 0.0353
CMYK	0.00, 0.12, 0.00, 0.03
HSL	302°, 64%, 91%
HSV	302°, 12%, 97%
XYZ	80.0637, 76.5708, 97.7486
YIQ	229.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

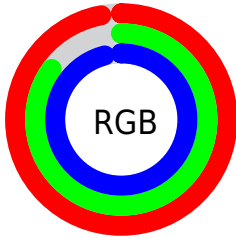
Format	Color
R _Y B	247, 218, 246
Decimal	16243446
CIE Lab	90.12, 14.78, -9.96
CIE LCh	90, 17.826, 326.015
Yxy	76.5708, 0.3147, 0.3010
Android (android.graphics.Color)	4294433526 (0xFFF7DAF6)
YUV	229.8630, 7.9555, 15.0291
Hunter-Lab	87.5047, 10.1879, -4.9776

Details

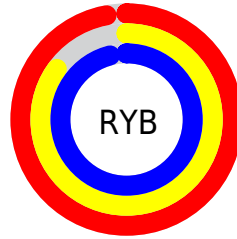
The RGB color **247, 218, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **218, 247, 219**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 163, 190** is the 20% darker color. If you saturate the color by 10%, you get **247, 193, 245**, and if you desaturate by 10%, it is **247, 243, 247**.

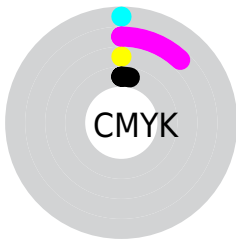
Distribution



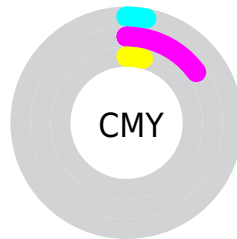
- Red (97%)
- Green (85%)
- Blue (96%)



- Red (97%)
- Yellow (85%)
- Blue (96%)



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



- Cyan (3%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 218, 246 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 247, 218, 246 by changing the saturation by 10% instead.

■ 247, 218, 246

255, 255, 255

■ 247, 218, 246

■ 218, 190, 218

■ 191, 163, 190

■ 163, 137, 163

■ 137, 111, 136

■ 111, 87, 111

■ 87, 63, 87

■ 63, 41, 63

■ 41, 20, 41


■ 23, 0, 21

 247, 218, 246

 247, 218, 246

 247, 193, 245

 247, 243, 247

 247, 169, 244

 247, 255, 248

 247, 144, 243

 247, 255, 249

 247, 119, 243

 247, 255, 249

 247, 95, 242


 247, 255, 250

 247, 70, 241

 247, 255, 251

 247, 45, 240

 247, 255, 252

 247, 20, 239

 247, 255, 253

 247, 0, 238

 247, 255, 254

Harmonies

Analogous

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



227, 223, 255



247, 218, 246



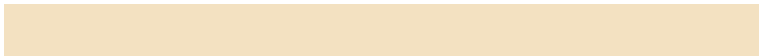
255, 215, 230

Triad

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



247, 218, 246



243, 225, 193



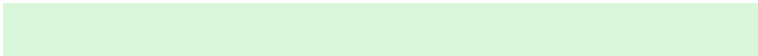
183, 236, 241

Complementary

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



247, 218, 246



218, 247, 219

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, 237, 224



247, 218, 246



224, 230, 196

Square

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



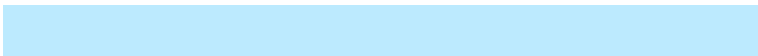
247, 218, 246



255, 219, 199



205, 234, 207



188, 234, 254

Rectangle

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



247, 218, 246



255, 215, 218



205, 234, 207



183, 237, 235

Sweetspot

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



247, 218, 246



255, 245, 255



219, 218, 247



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



247, 218, 246



255, 219, 254



247, 218, 232



122, 110, 122



186, 0, 180



59, 0, 57

Inverse Universe

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



247, 218, 246



255, 219, 254



218, 247, 233



122, 110, 122



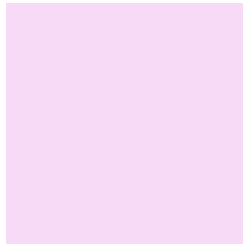
186, 0, 180



59, 0, 57

Previews

White Background



This preview shows how the RGB color 247, 218, 246 looks on a white background.

Color Contrast Check

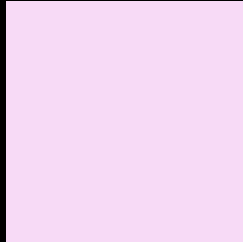
Large Text (above 18pt) WCAG AA × Fail

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 247, 218, 246 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 247, 218, 246 Background



This preview shows how black text looks on a background with the RGB color 247, 218, 246.



This preview shows how white text looks on a background with the RGB color 247, 218, 246.

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
247, 218, 246

Protanopia
224, 225, 251

Deuteranopia
240, 220, 246



Tritanopia
246, 220, 237

Trichromacy



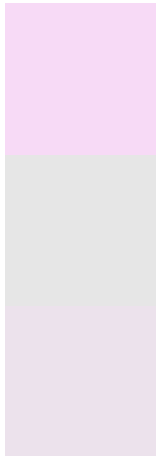
Original Color
247, 218, 246

Protanomaly
232, 222, 249

Deuteranomaly
243, 219, 246

Tritanomaly
246, 219, 240

Monochromacy



Original Color
247, 218, 246

Achromatopsia
230, 230, 230

Achromatomaly
236, 226, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 218, 246 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(247, 218, 246) looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 246)  
}
```

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(247, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 246) }
```

Border

The CSS property to change the border of an element to RGB 247, 218, 246 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(247, 218, 246) }
```

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

```
.border{ border-color:rgb(247, 218, 246) }
```

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

Here you see how a box with a 4 pixel rgb(247, 218, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 247, 218, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 246) }
```

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

```
.background{ background-color: rgb(247,  
218, 246) }
```

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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