Converting Colors

RGB(246, 228, 255)

Have a look what the booklet for RGB(246, 228, 255) contains.

Color

RGB(246, 228, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F6E4FF
RGB	246, 228, 255
RGB Percent	96%, 89%, 100%
CMY	0.0353, 0.1059, 0.0000
CMYK	0.04, 0.11, 0.00, 0.00
HSL	280°, 100%, 95%
HSV	280°, 11%, 100%
XYZ	83.7994, 82.2996, 106.0765
YIQ	236.4600, 2.0610, 12.2130

Conversions

Conversions Part 2

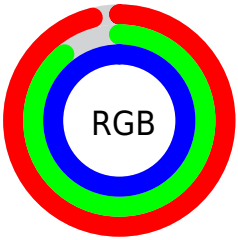
Format	Color
RYB	246, 228, 255
Decimal	16180479
CIELab	92.71, 10.88, -10.84
CIELCh	93, 15.358, 315.101
Yxy	82.2996, 0.3079, 0.3024
Android (android.graphics.Color)	4294370559 (0xFFF6E4FF)
YUV	236.4600, 9.1402, 8.3666
Hunter-Lab	90.7191, 6.1262, -5.8235

Details

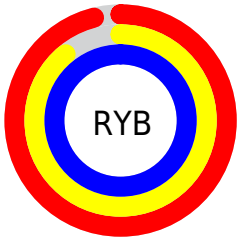
The RGB color 246, 228, 255 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 237, 255, 228, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 255, and 190, 173, 198 is the 20% darker color. If you saturate the color by 10%, you get 238, 203, 255, and if you desaturate by 10%, it is 255, 254, 255.

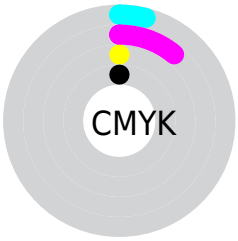
Distribution



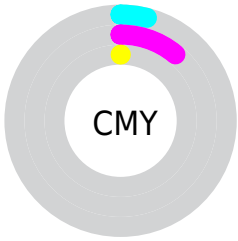
- Red (96%)
- Green (89%)
- Blue (100%)



- Red (96%)
- Yellow (89%)
- Blue (100%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 228, 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 RGB color 246, 228, 255 by changing the saturation by 10% instead.

246, 228, 255

255, 255, 255

246, 228, 255

217, 200, 226

190, 173, 198

163, 146, 171

136, 120, 144

111, 95, 119

86, 72, 94

63, 49, 70

41, 28, 48

22, 2, 27

246, 228, 255

238, 203, 255

229, 177, 255

221, 152, 255

212, 126, 255

204, 101, 255

195, 75, 255

187, 50, 255

178, 24, 255

170, 0, 255

246, 228, 255

255, 254, 255

255, 255, 255

Harmonies

Analogous

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

228, 233, 255

246, 228, 255

255, 225, 242

Triad

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

246, 228, 255

253, 231, 206

197, 243, 241

Complementary

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

246, 228, 255

237, 255, 228

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.

206, 242, 226

246, 228, 255

238, 235, 206

Square

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

246, 228, 255

255, 226, 214

221, 240, 213

199, 241, 254

Rectangle

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

246, 228, 255

255, 224, 232

221, 240, 213

199, 243, 236

Sweetspot

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

246, 228, 255

252, 247, 255

228, 237, 255

126, 122, 128

0, 0, 0

128, 128, 128

Same Dimension

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

246, 228, 255

244, 222, 255

255, 228, 251

123, 115, 128

128, 0, 191

43, 0, 64

Inverse Universe

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

255, 228, 237

255, 222, 233

228, 255, 233

128, 115, 119

191, 0, 64

64, 0, 21

Previews

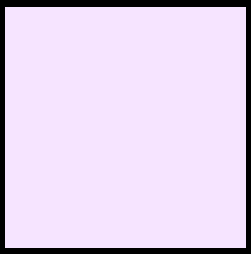
White Background

This preview shows how the RGB color 246, 228, 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



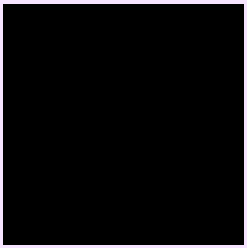
This preview shows how the RGB color 246, 228, 255 looks on a black background.

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.

RGB 246, 228, 255 Background



This preview shows how black text looks on a background with the RGB color 246, 228, 255.

This preview shows how white text looks on a background with the RGB color 246, 228, 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
246, 228, 255

Protanopia
232, 233, 255

Deuteranopia
247, 228, 255

Tritanopia
245, 229, 247

Trichromacy

Original Color
246, 228, 255

Protanomaly
237, 231, 255

Deuteranomaly
247, 228, 255

Tritanomaly
245, 229, 250

Monochromacy

Original Color
246, 228, 255

Achromatopsia
236, 236, 236

Achromatomaly
240, 233, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 228, 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(246, 228, 255) looks like.

```
.text, #text, p{
    color:rgb(246, 228, 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(246, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 255) }
```

Border

The CSS property to change the border of an element to RGB 246, 228, 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(246, 228, 255) }
```

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

```
.border{ border-color:rgb(246, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 228, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 228, 255); box-shadow:4px 4px 4px 4px rgb(246, 228, 255) }
```

Background

The CSS property to change the background color of an element to RGB 246, 228, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(246, 228, 255) }
```

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

```
.background{ background-color:rgb(246,
228, 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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