

Converting Colors

RGB(242, 225, 252)

Have a look what the booklet for
RGB(242, 225, 252) contains.

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Color

RGB(242, 225, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1FC
RGB	242, 225, 252
RGB Percent	95%, 88%, 99%
CMY	0.0510, 0.1176, 0.0118
CMYK	0.04, 0.11, 0.00, 0.01
HSL	278°, 82%, 94%
HSV	278°, 11%, 99%
XYZ	81.1139, 79.7559, 103.2147
YIQ	233.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

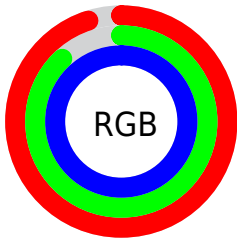
Format	Color
R _Y B	242, 225, 252
Decimal	15917564
CIE Lab	91.58, 10.58, -10.99
CIE LCh	92, 15.257, 313.903
Yxy	79.7559, 0.3072, 0.3020
Android (android.graphics.Color)	4294107644 (0xFFF2E1FC)
YUV	233.1610, 9.2876, 7.7518
Hunter-Lab	89.3062, 5.8398, -6.0095

Details

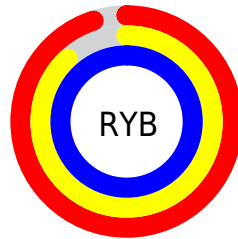
The RGB color `242, 225, 252` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `235, 252, 225`, and the grayscale version is `233, 233, 233`.

A 20% lighter version of the original color is `255, 255, 255`, and `186, 170, 195` is the 20% darker color. If you saturate the color by 10%, you get `233, 200, 252`, and if you desaturate by 10%, it is `251, 250, 252`.

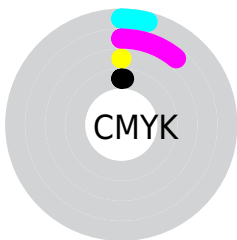
Distribution



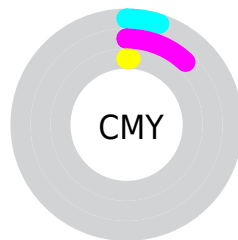
- Red (95%)
- Green (88%)
- Blue (99%)



- Red (95%)
- Yellow (88%)
- Blue (99%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 225, 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 242, 225, 252 by changing the saturation by 10% instead.

 242, 225, 252

255, 255, 255

 242, 225, 252

 214, 197, 223

 186, 170, 195

 159, 143, 168

 133, 118, 142

 107, 93, 116

 83, 69, 92

 60, 47, 68


 38, 26, 46

 19, 0, 25

 242, 225, 252

 242, 225, 252

 233, 200, 252

 251, 250, 252


 223, 175, 252

 255, 255, 252

 214, 149, 252

 205, 124, 252

 195, 99, 252

 186, 74, 252

 177, 49, 252

 167, 23, 252

 159, 0, 252

Harmonies

Analogous

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



224, 230, 255



242, 225, 252



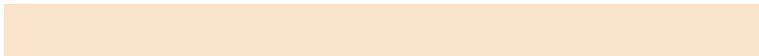
255, 222, 239

Triad

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



242, 225, 252



250, 227, 203



195, 240, 237

Complementary

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



242, 225, 252



235, 252, 225

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.



204, 239, 222



242, 225, 252



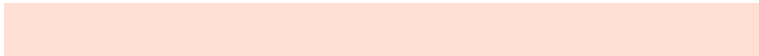
236, 232, 202

Square

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



242, 225, 252



255, 223, 211



219, 236, 209



195, 238, 251

Rectangle

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



242, 225, 252



255, 221, 229



219, 236, 209



197, 240, 232

Sweetspot

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



242, 225, 252



252, 247, 255



225, 235, 252



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 225, 252



243, 222, 255



252, 225, 249



120, 112, 125



119, 0, 189



39, 0, 61

Inverse Universe

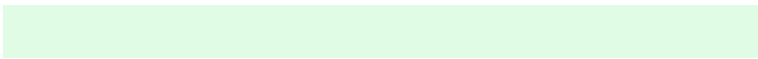
The Inverse Universe completely reimagines the original color for something new.



252, 225, 235



255, 222, 234



225, 252, 228



125, 112, 117



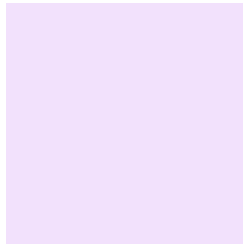
189, 0, 70



61, 0, 23

Previews

White Background



This preview shows how the RGB color 242, 225, 252 looks on a white background.

Color Contrast Check

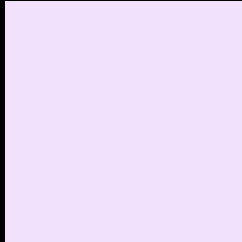
Large Text (above 18pt) WCAG AA × Fail

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 242, 225, 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

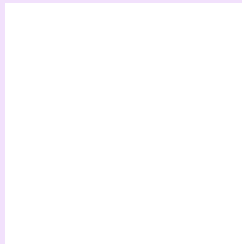
Any Text WCAG AAA ✓ Pass

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

RGB 242, 225, 252 Background



This preview shows how black text looks on a background with the RGB color 242, 225, 252.

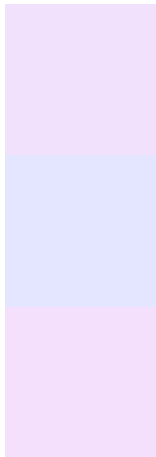


This preview shows how white text looks on a background with the RGB color 242, 225, 252.

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
242, 225, 252

Protanopia
228, 229, 255

Deuteranopia
244, 224, 252



Tritanopia
241, 226, 244

Trichromacy



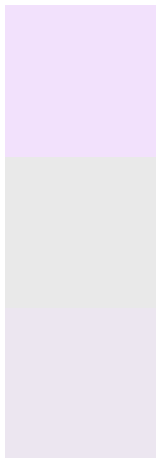
Original Color
242, 225, 252

Protanomaly
233, 228, 254

Deuteranomaly
243, 224, 252

Tritanomaly
241, 226, 247

Monochromacy



Original Color
242, 225, 252

Achromatopsia
233, 233, 233

Achromatomaly
236, 230, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 225, 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(242, 225, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 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(242, 225, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 252) }
```

Border

The CSS property to change the border of an element to RGB 242, 225, 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(242, 225, 252) }
```

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

```
.border{ border-color:rgb(242, 225, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 242, 225, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 252) }
```

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

```
.background{ background-color: rgb(242,  
225, 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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