

Converting Colors

RGB(240, 222, 252)

Have a look what the booklet for
RGB(240, 222, 252) contains.

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Color

RGB(240, 222, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F0DEFB
RGB	240, 222, 252
RGB Percent	94%, 87%, 99%
CMY	0.0588, 0.1294, 0.0118
CMYK	0.05, 0.12, 0.00, 0.01
HSL	276°, 83%, 93%
HSV	276°, 12%, 99%
XYZ	79.6271, 77.7961, 102.9148
YIQ	230.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

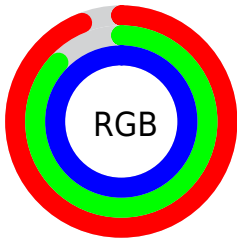
Format	Color
R _Y B	240, 222, 252
Decimal	15785724
CIE Lab	90.69, 11.49, -12.33
CIE LCh	91, 16.860, 312.981
Yxy	77.7961, 0.3059, 0.2988
Android (android.graphics.Color)	4293975804 (0xFFFF0DEFC)
YUV	230.8020, 10.4506, 8.0666
Hunter-Lab	88.2021, 6.7927, -7.4385

Details

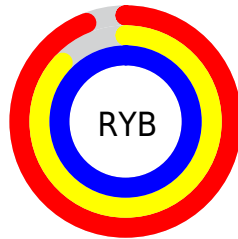
The RGB color **240, 222, 252** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **234, 252, 222**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 167, 195** is the 20% darker color. If you saturate the color by 10%, you get **230, 197, 252**, and if you desaturate by 10%, it is **250, 247, 252**.

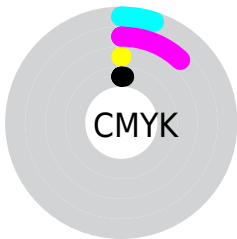
Distribution



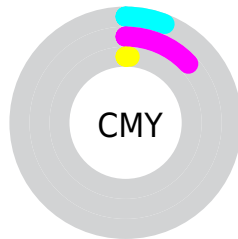
- Red (94%)
- Green (87%)
- Blue (99%)



- Red (94%)
- Yellow (87%)
- Blue (99%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 222, 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 240, 222, 252 by changing the saturation by 10% instead.

 240, 222, 252

255, 255, 255

 240, 222, 252


 212, 194, 223

 184, 167, 195

 157, 140, 168

 131, 115, 142

 106, 90, 116

 81, 67, 92


 58, 45, 68

 36, 24, 46


 17, 0, 26

 240, 222, 252


 240, 222, 252


 230, 197, 252


 250, 247, 252


 220, 172, 252

 255, 255, 252

 210, 146, 252

 200, 121, 252

 190, 96, 252

 180, 71, 252

 169, 46, 252

 159, 20, 252

 151, 0, 252

Harmonies

Analogous

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



220, 227, 255



240, 222, 252



255, 218, 238

Triad

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



240, 222, 252



250, 224, 198



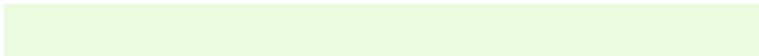
188, 238, 235

Complementary

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



240, 222, 252



234, 252, 222

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.



198, 237, 218



240, 222, 252



234, 229, 197

Square

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



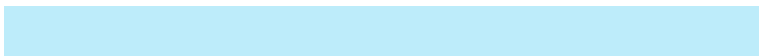
240, 222, 252



255, 220, 207



215, 234, 204



189, 236, 250

Rectangle

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



240, 222, 252



255, 217, 227



215, 234, 204



191, 238, 229

Sweetspot

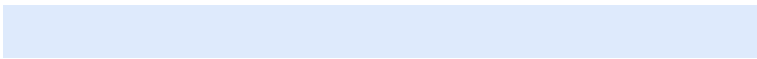
The Sweet Spot groups the original color and five complimentary colors.



240, 222, 252



251, 245, 255



222, 234, 252



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 222, 252



241, 219, 255



252, 222, 249



120, 112, 125



113, 0, 189



37, 0, 61

Inverse Universe

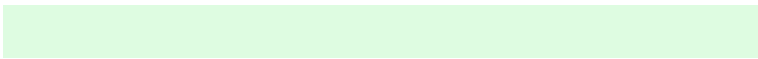
The Inverse Universe completely reimagines the original color for something new.



252, 222, 234



255, 219, 234



222, 252, 225



125, 112, 117



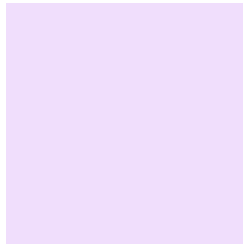
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RGB color 240, 222, 252 looks on a white background.

Color Contrast Check

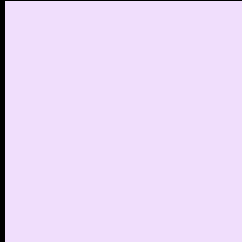
Large Text (above 18pt) WCAG AA × Fail

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 240, 222, 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

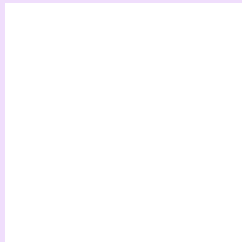
Any Text WCAG AAA ✓ Pass

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

RGB 240, 222, 252 Background



This preview shows how black text looks on a background with the RGB color 240, 222, 252.

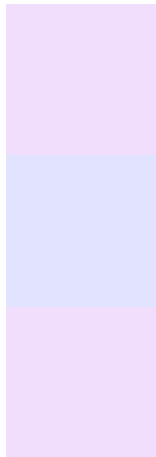


This preview shows how white text looks on a background with the RGB color 240, 222, 252.

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
240, 222, 252

Protanopia
225, 227, 255

Deuteranopia
240, 222, 252



Tritanopia
238, 224, 241

Trichromacy



Original Color

240, 222, 252

Protanomaly

230, 225, 254

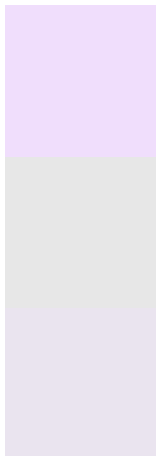
Deuteranomaly

240, 222, 252

Tritanomaly

239, 223, 245

Monochromacy



Original Color

240, 222, 252

Achromatopsia

231, 231, 231

Achromatomaly

234, 228, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 222, 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(240, 222, 252)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 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(240, 222, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 252) }
```

Border

The CSS property to change the border of an element to RGB 240, 222, 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(240, 222, 252) }
```

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

```
.border{ border-color:rgb(240, 222, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 240, 222, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 252) }
```

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

```
.background{ background-color: rgb(240,  
222, 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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