

Converting Colors

RGB(240, 232, 252)

Have a look what the booklet for
RGB(240, 232, 252) contains.

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Color

RGB(240, 232, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F0E8FC
RGB	240, 232, 252
RGB Percent	94%, 91%, 99%
CMY	0.0588, 0.0902, 0.0118
CMYK	0.05, 0.08, 0.00, 0.01
HSL	264°, 77%, 95%
HSV	264°, 8%, 99%
XYZ	82.3625, 83.2668, 103.8266
YIQ	236.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

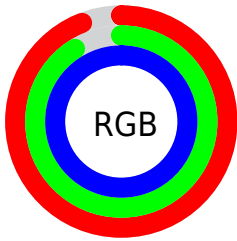
Format	Color
R_{YB}	240, 232, 252
Decimal	15788284
CIE _{Lab}	93.13, 6.29, -8.70
CIE _{LCh}	93, 10.737, 305.894
Yxy	83.2668, 0.3057, 0.3090
Android (android.graphics.Color)	4293978364 (0xFFFF0E8FC)
YUV	236.6720, 7.5567, 2.9187
Hunter-Lab	91.2506, 1.4249, -3.5858

Details

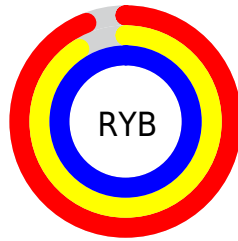
The RGB color **240, 232, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 252, 232**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 176, 195** is the 20% darker color. If you saturate the color by 10%, you get **225, 207, 252**, and if you desaturate by 10%, it is 255, 255, 252.

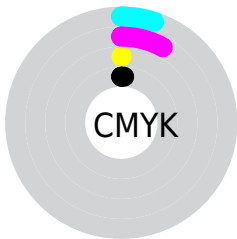
Distribution



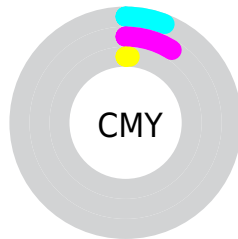
- Red (94%)
- Green (91%)
- Blue (99%)



- Red (94%)
- Yellow (91%)
- Blue (99%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 232, 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, 232, 252 by changing the saturation by 10% instead.

 240, 232, 252


255, 255, 255

 240, 232, 252

 212, 204, 223


 184, 176, 195

 157, 150, 168

 131, 124, 142

 106, 99, 116

 82, 75, 92

 58, 53, 68

 37, 31, 46

 17, 7, 25

240, 232, 252

240, 232, 252

225, 207, 252

255, 255, 252

210, 182, 252

195, 156, 252

180, 131, 252

164, 106, 252

149, 81, 252

134, 56, 252

119, 30, 252

104, 5, 252

Harmonies

Analogous

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



227, 235, 255



240, 232, 252



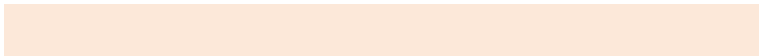
251, 229, 244

Triad

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



240, 232, 252



252, 232, 217



211, 242, 237

Complementary

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



240, 232, 252



244, 252, 232

Split Complementary

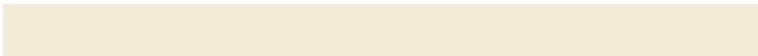
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 241, 227



240, 232, 252



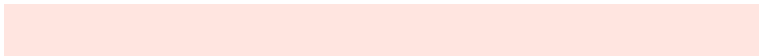
242, 235, 215

Square

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



240, 232, 252



255, 229, 224



230, 238, 218



210, 241, 247

Rectangle

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



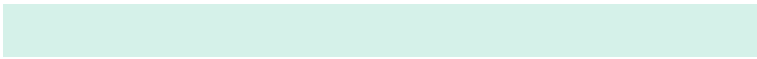
240, 232, 252



255, 228, 237



230, 238, 218



213, 241, 233

Sweetspot

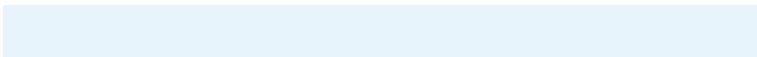
The Sweet Spot groups the original color and five complimentary colors.



240, 232, 252



252, 250, 255



232, 244, 252



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 232, 252



240, 230, 255



250, 232, 252



117, 112, 125



75, 0, 189



24, 0, 61

Inverse Universe

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



252, 232, 244



255, 230, 245



234, 252, 232



125, 112, 120



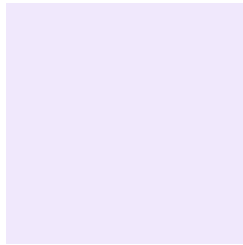
189, 0, 113



61, 0, 37

Previews

White Background



This preview shows how the RGB color 240, 232, 252 looks on a white background.

Color Contrast Check

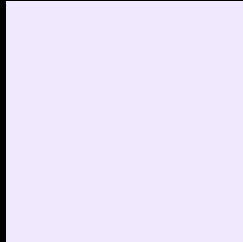
Large Text (above 18pt) WCAG AA × Fail

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, 232, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

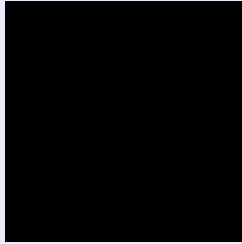
Any Text WCAG AA ✓ Pass

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, 232, 252 Background



This preview shows how black text looks on a background with the RGB color 240, 232, 252.

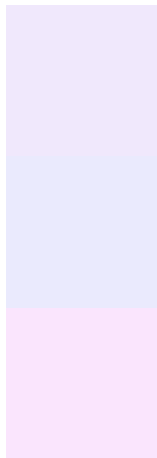


This preview shows how white text looks on a background with the RGB color 240, 232, 252.

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, 232, 252

Protanopia
234, 234, 253

Deuteranopia
250, 229, 253



Tritanopia
240, 232, 251

Trichromacy



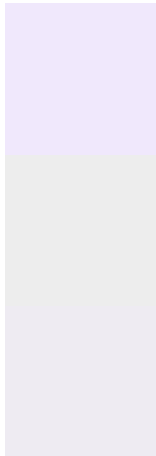
Original Color
240, 232, 252

Protanomaly
236, 233, 253

Deuteranomaly
246, 230, 253

Tritanomaly
240, 232, 251

Monochromacy



Original Color
240, 232, 252

Achromatopsia
237, 237, 237

Achromatomaly
238, 235, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 232, 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, 232, 252) looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 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, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 252) }
```

Border

The CSS property to change the border of an element to RGB 240, 232, 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, 232, 252) }
```

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

```
.border{ border-color:rgb(240, 232, 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, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 240, 232, 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, 232, 252) }
```

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

```
.background{ background-color: rgb(240,  
232, 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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