

Converting Colors

RGB(240, 228, 244)

Have a look what the booklet for
RGB(240, 228, 244) contains.

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Color

RGB(240, 228, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F0E4F4
RGB	240, 228, 244
RGB Percent	94%, 89%, 96%
CMY	0.0588, 0.1059, 0.0431
CMYK	0.02, 0.07, 0.00, 0.04
HSL	285°, 42%, 93%
HSV	285°, 7%, 96%
XYZ	80.0077, 80.5437, 96.9176
YIQ	233.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

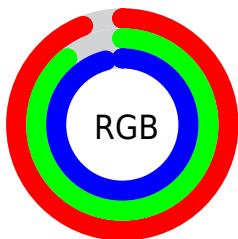
Format	Color
R_{YB}	240, 228, 244
Decimal	15787252
CIE Lab	91.93, 6.89, -6.30
CIE LCh	92, 9.341, 317.551
Yxy	80.5437, 0.3107, 0.3128
Android (android.graphics.Color)	4293977332 (0xFFFF0E4F4)
YUV	233.4120, 5.2199, 5.7777
Hunter-Lab	89.7462, 2.0750, -1.2054

Details

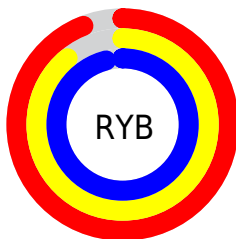
The RGB color **240, 228, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 244, 228**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 173, 188** is the 20% darker color. If you saturate the color by 10%, you get **234, 204, 244**, and if you desaturate by 10%, it is **246, 252, 244**.

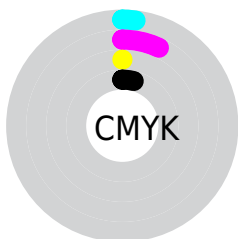
Distribution



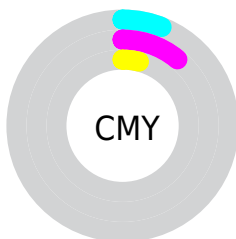
- Red (94%)
- Green (89%)
- Blue (96%)



- Red (94%)
- Yellow (89%)
- Blue (96%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 228, 244 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, 228, 244 by changing the saturation by 10% instead.

■ 240, 228, 244

255, 255, 255

■ 240, 228, 244

■ 212, 200, 216

■ 184, 173, 188

■ 157, 146, 161

■ 131, 120, 135

■ 106, 96, 109

■ 82, 72, 85

■ 59, 49, 62

■ 37, 28, 40

■ 16, 2, 20

 240, 228, 244

 240, 228, 244

 234, 204, 244

 246, 252, 244

 228, 179, 244


 252, 255, 244

 222, 155, 244


 255, 255, 244

 216, 130, 244

 209, 106, 244

 203, 82, 244

 197, 57, 244

 191, 33, 244

 185, 8, 244

Harmonies

Analogous

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



229, 231, 249



240, 228, 244



248, 226, 236

Triad

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



240, 228, 244



243, 230, 215



210, 237, 237

Complementary

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



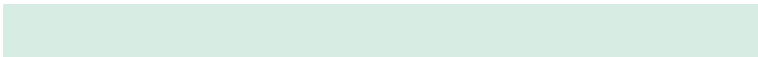
240, 228, 244



232, 244, 228

Split Complementary

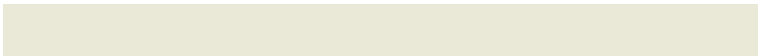
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215, 237, 228



240, 228, 244



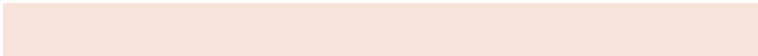
234, 233, 215

Square

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



240, 228, 244



250, 227, 219



223, 235, 220



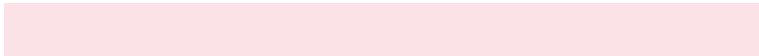
212, 236, 245

Rectangle

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



240, 228, 244



251, 226, 230



223, 235, 220



211, 237, 234

Sweetspot

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



240, 228, 244



254, 250, 255



228, 232, 244



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 228, 244



250, 235, 255



244, 228, 240



119, 110, 122



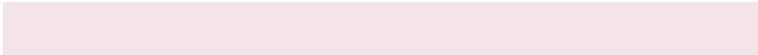
140, 0, 186



44, 0, 59

Inverse Universe

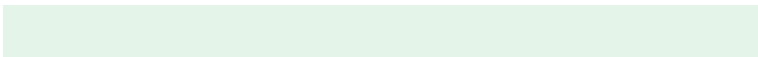
The Inverse Universe completely reimagines the original color for something new.



244, 228, 232



255, 235, 240



228, 244, 232



122, 110, 113



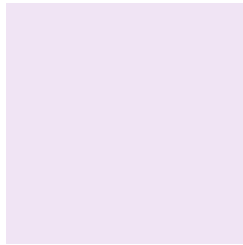
186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RGB color 240, 228, 244 looks on a white background.

Color Contrast Check

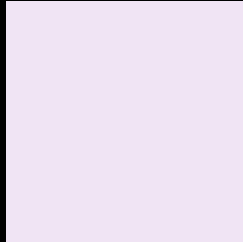
Large Text (above 18pt) WCAG AA × Fail

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, 228, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

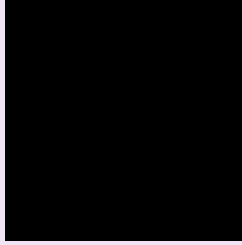
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

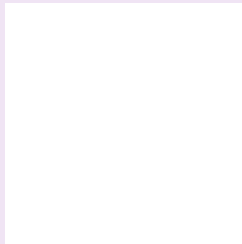
Any Text WCAG AAA ✓ Pass

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

RGB 240, 228, 244 Background



This preview shows how black text looks on a background with the RGB color 240, 228, 244.



This preview shows how white text looks on a background with the RGB color 240, 228, 244.

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, 228, 244

Protanopia
232, 230, 245

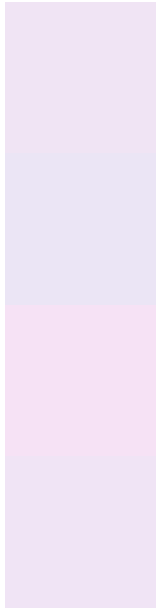
Deuteranopia
249, 225, 245



Tritanopia

240, 228, 246

Trichromacy



Original Color

240, 228, 244

Protanomaly

235, 229, 245

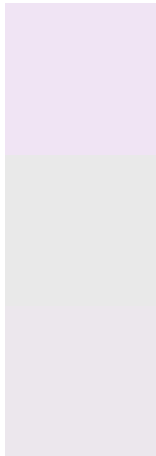
Deuteranomaly

246, 226, 245

Tritanomaly

240, 228, 245

Monochromacy



Original Color

240, 228, 244

Achromatopsia

233, 233, 233

Achromatomaly

236, 231, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 228, 244 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, 228, 244) looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 244)  
}
```

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, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 244) }
```

Border

The CSS property to change the border of an element to RGB 240, 228, 244 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, 228, 244) }
```

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

```
.border{ border-color:rgb(240, 228, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 244);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 240, 228, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 244) }
```

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

```
.background{ background-color: rgb(240,  
228, 244) }
```

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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