

Converting Colors

RGB(242, 228, 231)

Have a look what the booklet for
RGB(242, 228, 231) contains.

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Color

RGB(242, 228, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4E7
RGB	242, 228, 231
RGB Percent	95%, 89%, 91%
CMY	0.0510, 0.1059, 0.0941
CMYK	0.00, 0.06, 0.05, 0.05
HSL	347°, 35%, 92%
HSV	347°, 6%, 95%
XYZ	78.7852, 80.1336, 86.9162
YIQ	232.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

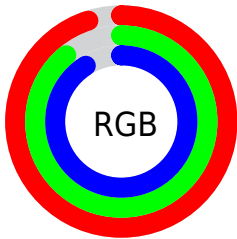
Format	Color
R _Y B	242, 228, 231
Decimal	15918311
CIE Lab	91.74, 5.27, 0.24
CIE LCh	92, 5.272, 2.593
Yxy	80.1336, 0.3205, 0.3260
Android (android.graphics.Color)	4294108391 (0xFF2E4E7)
YUV	232.5280, -0.7533, 8.3069
Hunter-Lab	89.5174, 0.4443, 5.0950

Details

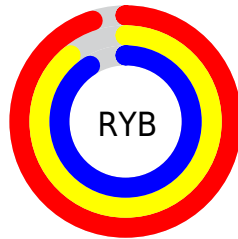
The RGB color **242, 228, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **228, 242, 239**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 173, 175** is the 20% darker color. If you saturate the color by 10%, you get **242, 204, 212**, and if you desaturate by 10%, it is 242, 252, 250.

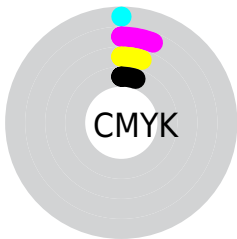
Distribution



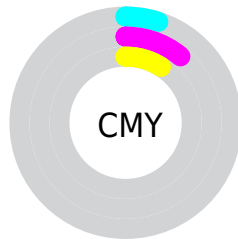
- Red (95%)
- Green (89%)
- Blue (91%)



- Red (95%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 228, 231 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, 228, 231 by changing the saturation by 10% instead.


 242, 228, 231

255, 255, 255

 242, 228, 231

 214, 200, 203


 186, 173, 175

 159, 146, 149

 133, 120, 123

 107, 96, 98

 83, 72, 74

 60, 49, 52

 38, 28, 31


 18, 2, 6

 242, 228, 231


 242, 228, 231


 242, 204, 212


 242, 252, 250

 242, 180, 193

 242, 255, 255

 242, 155, 174

 242, 131, 155

 242, 107, 136

 242, 83, 117

 242, 59, 98

 242, 34, 79

 242, 10, 60

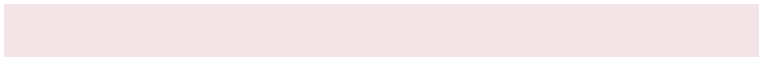
Harmonies

Analogous

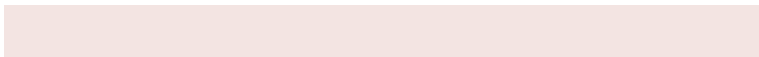
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 229, 236



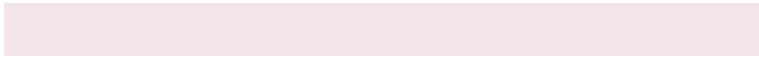
242, 228, 231



243, 228, 226

Triad

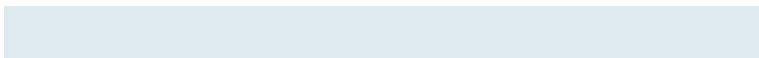
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 228, 231



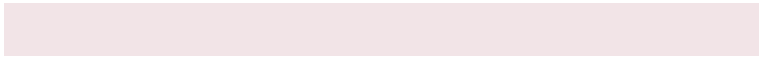
229, 233, 223



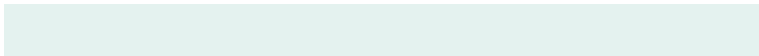
222, 233, 240

Complementary

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



242, 228, 231



228, 242, 239

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, 234, 237



242, 228, 231



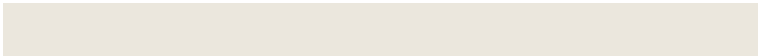
224, 234, 226

Square

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



242, 228, 231



235, 231, 221



220, 234, 232



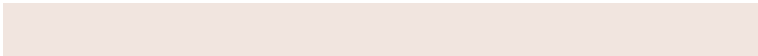
227, 232, 241

Rectangle

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



242, 228, 231



241, 229, 223



220, 234, 232



221, 234, 239

Sweetspot

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



242, 228, 231



255, 250, 251



239, 228, 242



128, 125, 125



0, 0, 0



128, 128, 128

Same Dimension

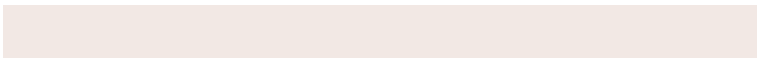
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 228, 231



255, 237, 241



242, 232, 228



120, 110, 112



184, 0, 39



56, 0, 12

Inverse Universe

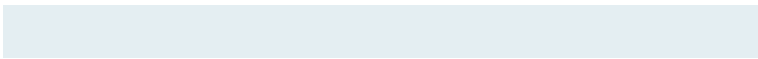
The Inverse Universe completely reimagines the original color for something new.



242, 228, 231



255, 237, 241



228, 238, 242



120, 110, 112



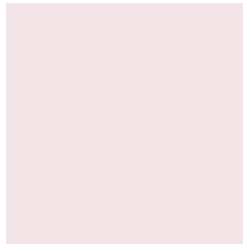
184, 0, 39



56, 0, 12

Previews

White Background



This preview shows how the RGB color 242, 228, 231 looks on a white background.

Color Contrast Check

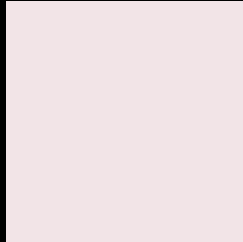
Large Text (above 18pt) WCAG AA × Fail

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, 228, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

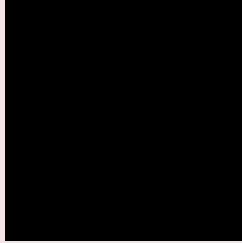
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

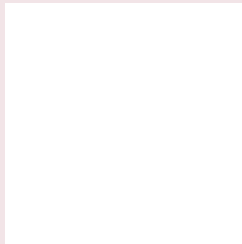
Any Text WCAG AAA ✓ Pass

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

RGB 242, 228, 231 Background



This preview shows how black text looks on a background with the RGB color 242, 228, 231.

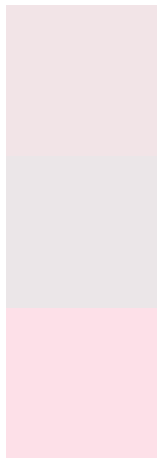


This preview shows how white text looks on a background with the RGB color 242, 228, 231.

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, 228, 231

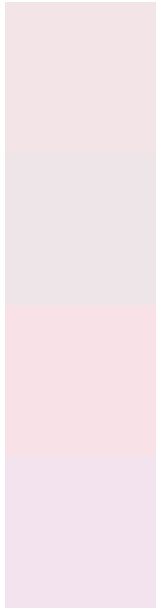
Protanopia
235, 230, 232

Deuteranopia
253, 224, 232



Tritanopia
244, 226, 244

Trichromacy



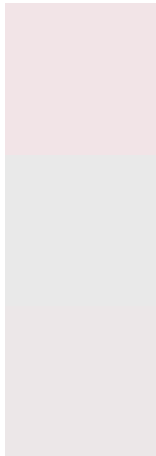
Original Color
242, 228, 231

Protanomaly
238, 229, 232

Deuteranomaly
249, 225, 232

Tritanomaly
243, 227, 239

Monochromacy



Original Color
242, 228, 231

Achromatopsia
233, 233, 233

Achromatomaly
236, 231, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 228, 231 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, 228, 231) looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 231)  
}
```

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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 231) }
```

Border

The CSS property to change the border of an element to RGB 242, 228, 231 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, 228, 231) }
```

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

```
.border{ border-color:rgb(242, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 242, 228, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 231) }
```

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

```
.background{ background-color: rgb(242,  
228, 231) }
```

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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