

Converting Colors

RGB(232, 230, 242)

Have a look what the booklet for
RGB(232, 230, 242) contains.

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Color

RGB(232, 230, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E8E6F2
RGB	232, 230, 242
RGB Percent	91%, 90%, 95%
CMY	0.0902, 0.0980, 0.0510
CMYK	0.04, 0.05, 0.00, 0.05
HSL	250°, 32%, 93%
HSV	250°, 5%, 95%
XYZ	77.6025, 80.1602, 95.3868
YIQ	231.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

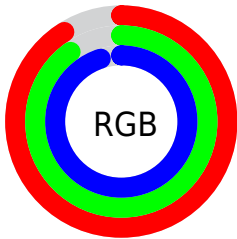
Format	Color
R _{YB}	232, 230, 242
Decimal	15263474
CIE Lab	91.76, 2.85, -5.58
CIE LCh	92, 6.269, 297.072
Yxy	80.1602, 0.3065, 0.3167
Android (android.graphics.Color)	4293453554 (0xFFE8E6F2)
YUV	231.9660, 4.9468, 0.0298
Hunter-Lab	89.5323, -1.9656, -0.4944

Details

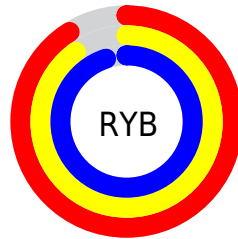
The RGB color **232, 230, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 242, 230**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 175, 186** is the 20% darker color. If you saturate the color by 10%, you get **212, 206, 242**, and if you desaturate by 10%, it is 252, 254, 242.

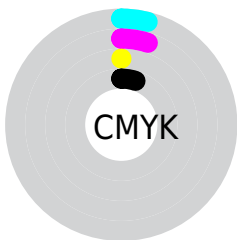
Distribution



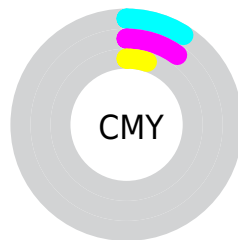
- Red (91%)
- Green (90%)
- Blue (95%)



- Red (91%)
- Yellow (90%)
- Blue (95%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 230, 242 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 232, 230, 242 by changing the saturation by 10% instead.

■ 232, 230, 242

255, 255, 255

■ 232, 230, 242

■ 204, 202, 214

■ 176, 175, 186

■ 150, 148, 159

■ 124, 122, 133

■ 99, 97, 108

■ 75, 74, 83

■ 52, 51, 60

■ 31, 30, 39


■ 7, 5, 18

 232, 230, 242


 232, 230, 242


 212, 206, 242


 252, 254, 242


 192, 182, 242


 255, 255, 242

 171, 157, 242


 151, 133, 242

 131, 109, 242

 111, 85, 242

 91, 61, 242

 71, 36, 242

 50, 12, 242

Harmonies

Analogous

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



225, 232, 243



232, 230, 242



239, 228, 238

Triad

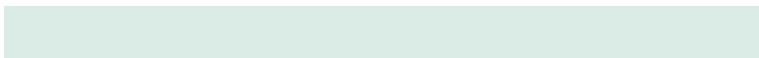
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 230, 242



243, 229, 221



219, 235, 230

Complementary

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



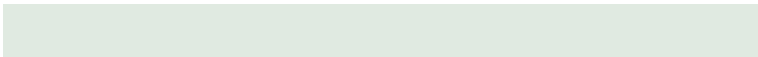
232, 230, 242



240, 242, 230

Split Complementary

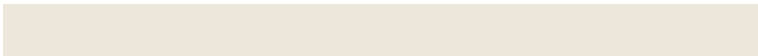
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 234, 225



232, 230, 242



237, 231, 219

Square

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



232, 230, 242



245, 228, 226



230, 233, 221



217, 235, 237

Rectangle

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



232, 230, 242



242, 228, 234



230, 233, 221



220, 235, 228

Sweetspot

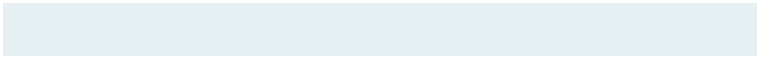
The Sweet Spot groups the original color and five complimentary colors.



232, 230, 242



253, 252, 255



230, 240, 242



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 230, 242



242, 240, 255



238, 230, 242



113, 111, 120



31, 0, 184



9, 0, 56

Inverse Universe

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



242, 230, 240



255, 240, 252



234, 242, 230



120, 111, 118



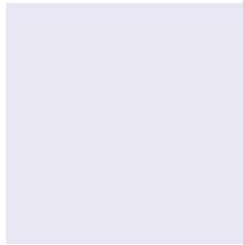
184, 0, 153



56, 0, 47

Previews

White Background



This preview shows how the RGB color 232, 230, 242 looks on a white background.

Color Contrast Check

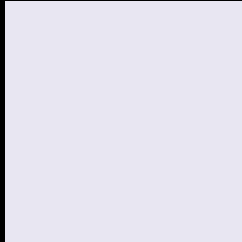
Large Text (above 18pt) WCAG AA × Fail

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 232, 230, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

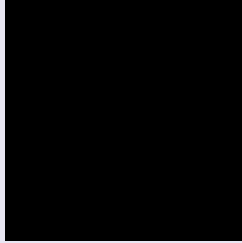
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

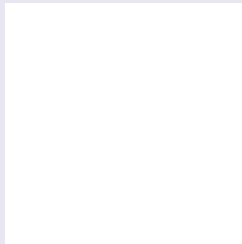
Any Text WCAG AAA ✓ Pass

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

RGB 232, 230, 242 Background



This preview shows how black text looks on a background with the RGB color 232, 230, 242.

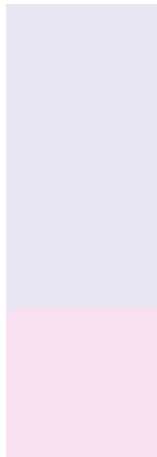


This preview shows how white text looks on a background with the RGB color 232, 230, 242.

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
232, 230, 242

Protanopia
232, 230, 242

Deuteranopia
248, 224, 243



Tritanopia

233, 229, 247

Trichromacy



Original Color

232, 230, 242

Protanomaly

232, 230, 242

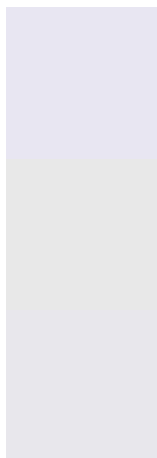
Deuteranomaly

242, 226, 243

Tritanomaly

233, 229, 245

Monochromacy



Original Color

232, 230, 242

Achromatopsia

232, 232, 232

Achromatomaly

232, 231, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 230, 242 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(232, 230, 242) looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 242)  
}
```

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(232, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 242) }
```

Border

The CSS property to change the border of an element to RGB 232, 230, 242 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(232, 230, 242) }
```

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

```
.border{ border-color:rgb(232, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 232, 230, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 242) }
```

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

```
.background{ background-color: rgb(232,  
230, 242) }
```

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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