

Converting Colors

RGB(224, 218, 236)

Have a look what the booklet for
RGB(224, 218, 236) contains.

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Color

RGB(224, 218, 236)

Conversions

Conversions Part 1

Format	Color
Hex	E0DAEC
RGB	224, 218, 236
RGB Percent	88%, 85%, 93%
CMY	0.1216, 0.1451, 0.0745
CMYK	0.05, 0.08, 0.00, 0.07
HSL	260°, 32%, 89%
HSV	260°, 8%, 93%
XYZ	70.9522, 72.0462, 89.5236
YIQ	221.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

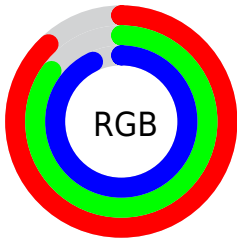
Format	Color
R _Y B	224, 218, 236
Decimal	14736108
CIE Lab	87.99, 5.34, -8.07
CIE LCh	88, 9.675, 303.467
Yxy	72.0462, 0.3051, 0.3098
Android (android.graphics.Color)	4292926188 (0xFFE0DAEC)
YUV	221.8460, 6.9779, 1.8891
Hunter-Lab	84.8801, 0.6701, -3.1176

Details

The RGB color **224, 218, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 236, 218**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 163, 180** is the 20% darker color. If you saturate the color by 10%, you get **208, 194, 236**, and if you desaturate by 10%, it is **240, 242, 236**.

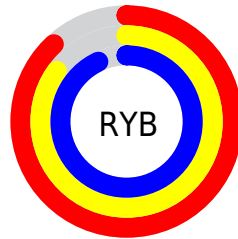
Distribution



Red (88%)

Green (85%)

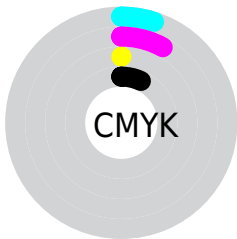
Blue (93%)



Red (88%)

Yellow (85%)

Blue (93%)

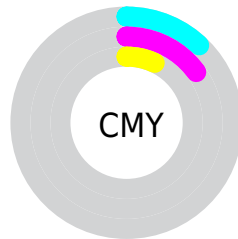


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 218, 236 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 224, 218, 236 by changing the saturation by 10% instead.

■ 224, 218, 236

255, 255, 255

■ 224, 218, 236

■ 196, 190, 208

■ 169, 163, 180

■ 142, 137, 153

■ 117, 112, 127

■ 92, 87, 102

■ 68, 64, 78


■ 46, 42, 56

■ 25, 22, 34

■ 0, 0, 11

 224, 218, 236


 224, 218, 236


 208, 194, 236

 240, 242, 236


 193, 171, 236


 255, 255, 236

 177, 147, 236

 161, 124, 236

 145, 100, 236

 130, 76, 236

 114, 53, 236

 98, 29, 236

 82, 6, 236

Harmonies

Analogous

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



213, 221, 239



224, 218, 236



234, 216, 229

Triad

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



224, 218, 236



236, 217, 204



200, 226, 221

Complementary

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



224, 218, 236



230, 236, 218

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.



207, 225, 212



224, 218, 236



227, 220, 202

Square

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



224, 218, 236



241, 215, 211



217, 223, 205



198, 226, 230

Rectangle

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



224, 218, 236



238, 215, 223



217, 223, 205



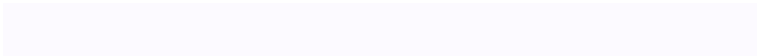
202, 226, 218

Sweetspot

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



224, 218, 236



252, 250, 255



218, 230, 236



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 218, 236



240, 232, 255



233, 218, 236



109, 106, 117



60, 0, 181



18, 0, 54

Inverse Universe

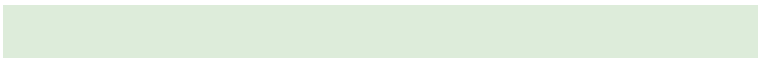
The Inverse Universe completely reimagines the original color for something new.



236, 218, 230



255, 232, 247



221, 236, 218



117, 106, 113



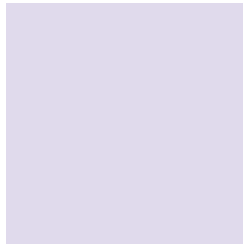
181, 0, 121



54, 0, 36

Previews

White Background



This preview shows how the RGB color 224, 218, 236 looks on a white background.

Color Contrast Check

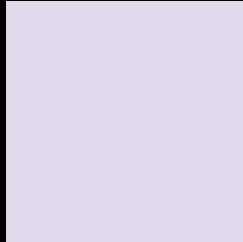
Large Text (above 18pt) WCAG AA × Fail

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 224, 218, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

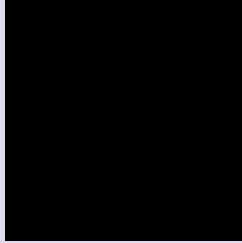
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

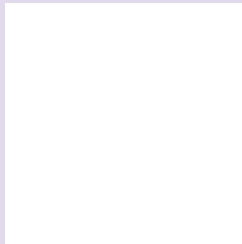
Any Text WCAG AAA ✓ Pass

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

RGB 224, 218, 236 Background



This preview shows how black text looks on a background with the RGB color 224, 218, 236.

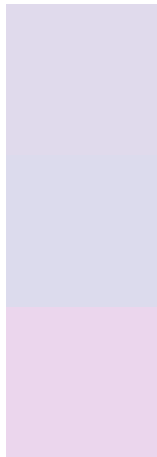


This preview shows how white text looks on a background with the RGB color 224, 218, 236.

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
224, 218, 236

Protanopia
220, 219, 237

Deuteranopia
235, 214, 237



Tritanopia
224, 218, 235

Trichromacy



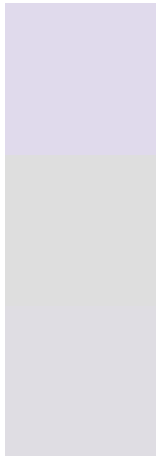
Original Color
224, 218, 236

Protanomaly
221, 219, 237

Deuteranomaly
231, 215, 237

Tritanomaly
224, 218, 235

Monochromacy



Original Color
224, 218, 236

Achromatopsia
222, 222, 222

Achromatomaly
223, 221, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 218, 236 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(224, 218, 236) looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 236)  
}
```

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(224, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 236) }
```

Border

The CSS property to change the border of an element to RGB 224, 218, 236 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(224, 218, 236) }
```

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

```
.border{ border-color:rgb(224, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 218, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 218, 236); box-shadow:4px 4px 4px 4px rgb(224, 218, 236) }
```

Background

The CSS property to change the background color of an element to RGB 224, 218, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 236) }
```

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

```
.background{ background-color: rgb(224,  
218, 236) }
```

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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