

Converting Colors

RGB(232, 216, 252)

Have a look what the booklet for
RGB(232, 216, 252) contains.

RGB(232, 216, 252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(232, 216, 252)

Conversions

Conversions Part 1

Format	Color
Hex	E8D8FC
RGB	232, 216, 252
RGB Percent	91%, 85%, 99%
CMY	0.0902, 0.1529, 0.0118
CMYK	0.08, 0.14, 0.00, 0.01
HSL	267°, 86%, 92%
HSV	267°, 14%, 99%
XYZ	75.4053, 73.2958, 102.2687
YIQ	224.8880, -2.0200, 14.5880

Conversions

Conversions Part 2

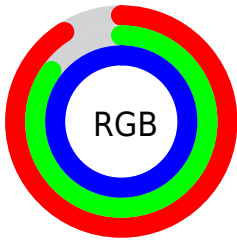
Format	Color
R _Y B	232, 216, 252
Decimal	15259900
CIE Lab	88.59, 12.06, -15.54
CIE LCh	89, 19.668, 307.804
Yxy	73.2958, 0.3005, 0.2921
Android (android.graphics.Color)	4293449980 (0xFFE8D8FC)
YUV	224.8880, 13.3662, 6.2372
Hunter-Lab	85.6130, 7.3946, -10.8956

Details

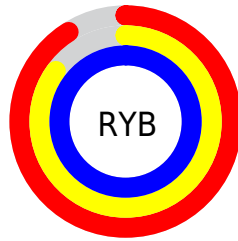
The RGB color **232, 216, 252** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **236, 252, 216**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 161, 195** is the 20% darker color. If you saturate the color by 10%, you get **218, 191, 252**, and if you desaturate by 10%, it is **246, 241, 252**.

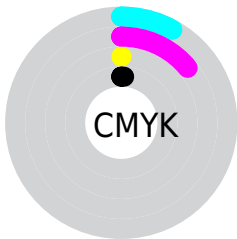
Distribution



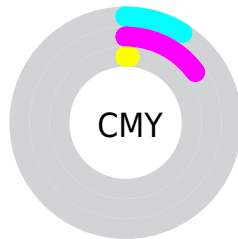
- Red (91%)
- Green (85%)
- Blue (99%)



- Red (91%)
- Yellow (85%)
- Blue (99%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 232, 216, 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 232, 216, 252 by changing the saturation by 10% instead.


 232, 216, 252

255, 255, 255

 232, 216, 252

 204, 188, 223


 176, 161, 195

 149, 135, 168


 123, 110, 142

 98, 85, 116

 74, 62, 91


 51, 40, 68

 30, 20, 45


 1, 0, 25

 232, 216, 252


 232, 216, 252


 218, 191, 252

 246, 241, 252


 204, 166, 252

 255, 255, 252


 190, 140, 252

 176, 115, 252

 162, 90, 252

 148, 65, 252

 134, 40, 252

 120, 14, 252

 112, 0, 252

Harmonies

Analogous

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



208, 222, 255



232, 216, 252



251, 211, 237

Triad

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



232, 216, 252



250, 216, 188



176, 233, 227

Complementary

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



232, 216, 252



236, 252, 216

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.



190, 232, 208



232, 216, 252



232, 223, 185

Square

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



232, 216, 252



255, 211, 200



211, 228, 192



174, 232, 245

Rectangle

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



232, 216, 252



255, 210, 224



211, 228, 192



180, 233, 220

Sweetspot

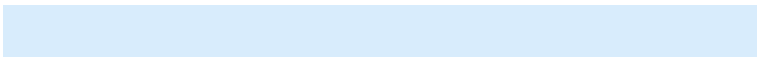
The Sweet Spot groups the original color and five complimentary colors.



232, 216, 252



249, 245, 255



216, 236, 252



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 216, 252



231, 212, 255



250, 216, 252



118, 112, 125



84, 0, 189



27, 0, 61

Inverse Universe

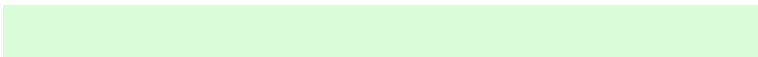
The Inverse Universe completely reimagines the original color for something new.



252, 216, 236



255, 212, 236



218, 252, 216



125, 112, 119



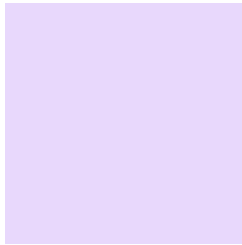
189, 0, 105



61, 0, 34

Previews

White Background



This preview shows how the RGB color 232, 216, 252 looks on a white background.

Color Contrast Check

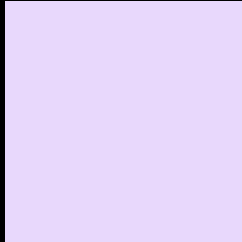
Large Text (above 18pt) WCAG AA × Fail

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 232, 216, 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

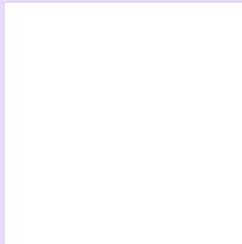
Any Text WCAG AAA ✓ Pass

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

RGB 232, 216, 252 Background



This preview shows how black text looks on a background with the RGB color 232, 216, 252.

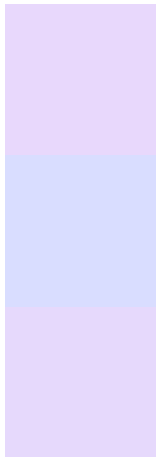


This preview shows how white text looks on a background with the RGB color 232, 216, 252.

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](#).

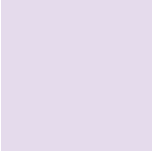
Dichromacy



Original Color
232, 216, 252

Protanopia
217, 221, 255

Deuteranopia
230, 217, 252



Tritanopia
229, 219, 236

Trichromacy



Original Color

232, 216, 252

Protanomaly

222, 219, 254

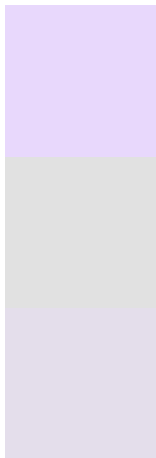
Deuteranomaly

231, 217, 252

Tritanomaly

230, 218, 242

Monochromacy



Original Color

232, 216, 252

Achromatopsia

225, 225, 225

Achromatomaly

228, 222, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 216, 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(232, 216, 252)` looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 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(232, 216, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 252) }
```

Border

The CSS property to change the border of an element to RGB 232, 216, 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(232, 216, 252) }
```

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

```
.border{ border-color:rgb(232, 216, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 252);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 232, 216, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 252) }
```

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

```
.background{ background-color: rgb(232,  
216, 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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