

Converting Colors

RGB(230, 210, 252)

Have a look what the booklet for
RGB(230, 210, 252) contains.

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Color

RGB(230, 210, 252)

Conversions

Conversions Part 1

Format	Color
Hex	E6D2FC
RGB	230, 210, 252
RGB Percent	90%, 82%, 99%
CMY	0.0980, 0.1765, 0.0118
CMYK	0.09, 0.17, 0.00, 0.01
HSL	269°, 88%, 91%
HSV	269°, 17%, 99%
XYZ	73.2504, 69.9445, 101.7354
YIQ	220.7680, -1.5620, 17.3020

Conversions

Conversions Part 2

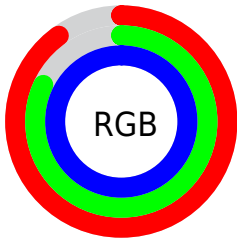
Format	Color
R _Y B	230, 210, 252
Decimal	15127292
CIE _{Lab}	86.97, 14.58, -17.99
CIE _{LCh}	87, 23.158, 309.027
Y _{xy}	69.9445, 0.2991, 0.2856
Android (android.graphics.Color)	4293317372 (0xFFE6D2FC)
Y _{UV}	220.7680, 15.3974, 8.0965
Hunter-Lab	83.6328, 9.9831, -13.5805

Details

The RGB color **230, 210, 252** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **232, 252, 210**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 155, 195** is the 20% darker color. If you saturate the color by 10%, you get **217, 185, 252**, and if you desaturate by 10%, it is **243, 235, 252**.

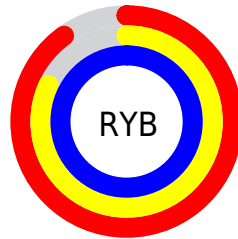
Distribution



Red (90%)

Green (82%)

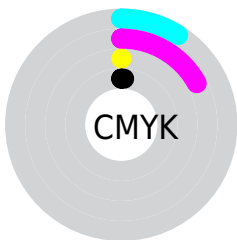
Blue (99%)



Red (90%)

Yellow (82%)

Blue (99%)

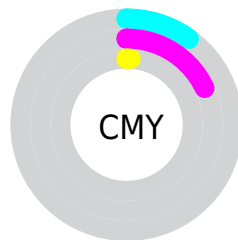


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (10%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 210, 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 230, 210, 252 by changing the saturation by 10% instead.

■ 230, 210, 252

255, 255, 255

■ 230, 210, 252

■ 202, 182, 223

■ 174, 155, 195

■ 147, 129, 168

■ 122, 104, 142

■ 96, 80, 116

■ 72, 57, 91


■ 49, 35, 68

■ 28, 15, 45

■ 0, 0, 25

 230, 210, 252


 230, 210, 252

 217, 185, 252

 243, 235, 252


 204, 160, 252

 255, 255, 252

 190, 134, 252

 177, 109, 252

 164, 84, 252

 151, 59, 252

 138, 34, 252

 124, 8, 252

 120, 0, 252

Harmonies

Analogous

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



201, 217, 255



230, 210, 252



252, 204, 234

Triad

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



230, 210, 252



249, 211, 177



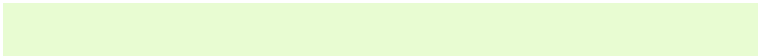
162, 231, 224

Complementary

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



230, 210, 252



232, 252, 210

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.



179, 229, 201



230, 210, 252



228, 218, 174

Square

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



230, 210, 252



255, 205, 191



203, 225, 183



159, 229, 245

Rectangle

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



230, 210, 252



255, 202, 219



203, 225, 183



166, 230, 216

Sweetspot

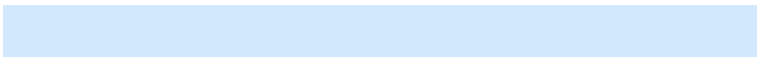
The Sweet Spot groups the original color and five complimentary colors.



230, 210, 252



248, 242, 255



210, 232, 252



123, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 210, 252



228, 204, 255



251, 210, 252



118, 112, 125



90, 0, 189



29, 0, 61

Inverse Universe

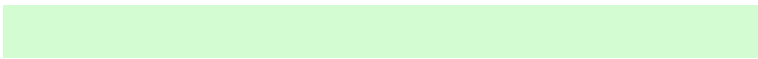
The Inverse Universe completely reimagines the original color for something new.



252, 210, 232



255, 204, 231



211, 252, 210



125, 112, 119



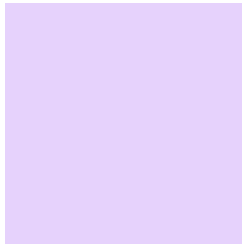
189, 0, 99



61, 0, 32

Previews

White Background



This preview shows how the RGB color 230, 210, 252 looks on a white background.

Color Contrast Check

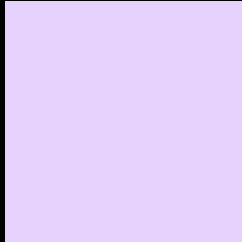
Large Text (above 18pt) WCAG AA × Fail

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 230, 210, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

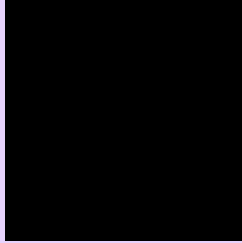
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

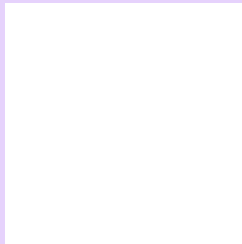
Any Text WCAG AAA ✓ Pass

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

RGB 230, 210, 252 Background



This preview shows how black text looks on a background with the RGB color 230, 210, 252.

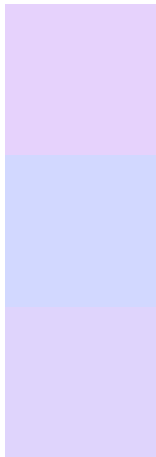


This preview shows how white text looks on a background with the RGB color 230, 210, 252.

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
230, 210, 252

Protanopia
210, 216, 255

Deuteranopia
223, 212, 252



Tritanopia
227, 214, 231

Trichromacy



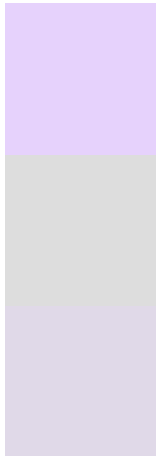
Original Color
230, 210, 252

Protanomaly
217, 214, 254

Deuteranomaly
226, 211, 252

Tritanomaly
228, 213, 239

Monochromacy



Original Color
230, 210, 252

Achromatopsia
221, 221, 221

Achromatomaly
224, 217, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 210, 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(230, 210, 252)` looks like.

```
.text, #text, p{  
    color:rgb(230, 210, 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(230, 210, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 210, 252) }
```

Border

The CSS property to change the border of an element to RGB 230, 210, 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(230, 210, 252) }
```

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

```
.border{ border-color:rgb(230, 210, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 210, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 210, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 210, 252);  
box-shadow:4px 4px 4px 4px rgb(230, 210,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 230, 210, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 210, 252) }
```

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

```
.background{ background-color: rgb(230,  
210, 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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