

Converting Colors

RGB(225, 196, 245)

Have a look what the booklet for
RGB(225, 196, 245) contains.

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Color

RGB(225, 196, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E1C4F5
RGB	225, 196, 245
RGB Percent	88%, 77%, 96%
CMY	0.1176, 0.2314, 0.0392
CMYK	0.08, 0.20, 0.00, 0.04
HSL	276°, 71%, 86%
HSV	276°, 20%, 96%
XYZ	67.2727, 62.0800, 94.8232
YIQ	210.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

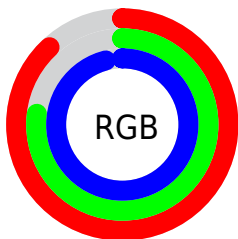
Format	Color
RYB	225, 196, 245
Decimal	14796021
CIELab	82.96, 19.06, -20.38
CIElCh	83, 27.901, 313.082
Yxy	62.0800, 0.3001, 0.2769
Android (android.graphics.Color)	4292986101 (0xFFE1C4F5)
YUV	210.2570, 17.1283, 12.9296
Hunter-Lab	78.7908, 14.5217, -16.2007

Details

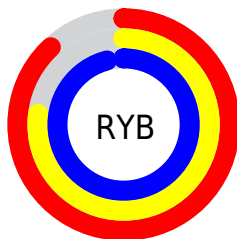
The RGB color **225, 196, 245** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216, 245, 196**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 253, 255, and **169, 142, 189** is the 20% darker color. If you saturate the color by 10%, you get **215, 171, 245**, and if you desaturate by 10%, it is **235, 221, 245**.

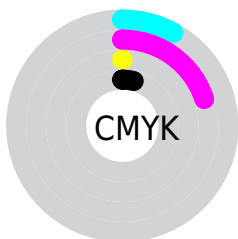
Distribution



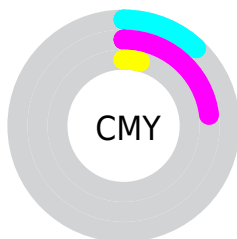
- Red (88%)
- Green (77%)
- Blue (96%)



- Red (88%)
- Yellow (77%)
- Blue (96%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 196, 245 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 225, 196, 245 by changing the saturation by 10% instead.

 225, 196, 245

 225, 196, 245

255, 255, 255

 197, 169, 216

 255, 253, 255

 169, 142, 189

 143, 116, 162

 117, 92, 135


 92, 68, 110

 68, 45, 85

 45, 24, 62

 25, 0, 40


 0, 1, 18

 225, 196, 245

 225, 196, 245

 215, 171, 245

 235, 221, 245


 205, 147, 245

 245, 245, 245


 195, 123, 245

 255, 255, 245

 185, 98, 245

 175, 74, 245

 165, 49, 245

 155, 24, 245

 145, 0, 245

Harmonies

Analogous

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



191, 205, 255



225, 196, 245



250, 189, 223

Triad

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



225, 196, 245



239, 200, 157



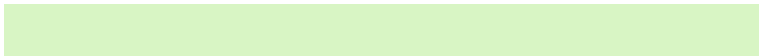
134, 221, 217

Complementary

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



225, 196, 245



216, 245, 196

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.



155, 220, 190



225, 196, 245



214, 209, 155

Square

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



225, 196, 245



255, 192, 172



185, 216, 168



133, 219, 241

Rectangle

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



225, 196, 245



255, 188, 205



185, 216, 168



140, 221, 208

Sweetspot

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



225, 196, 245



249, 240, 255



196, 216, 245



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 196, 245



230, 194, 255



245, 196, 241



117, 110, 122



110, 0, 186



35, 0, 59

Inverse Universe

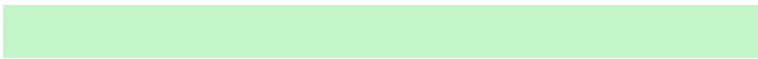
The Inverse Universe completely reimagines the original color for something new.



245, 196, 216



255, 194, 219



196, 245, 200



122, 110, 115



186, 0, 76



59, 0, 24

Previews

White Background



This preview shows how the RGB color 225, 196, 245 looks on a white background.

Color Contrast Check

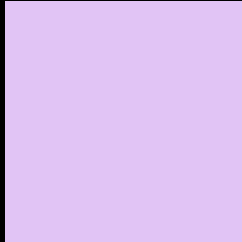
Large Text (above 18pt) WCAG AA × Fail

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 225, 196, 245 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 225, 196, 245 Background



This preview shows how black text looks on a background with the RGB color 225, 196, 245.



This preview shows how white text looks on a background with the RGB color 225, 196, 245.

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





Tritanopia
221, 201, 217

Trichromacy



Original Color
225, 196, 245

Protanomaly
207, 202, 249

Deuteranomaly
215, 200, 244

Tritanomaly
222, 199, 227

Monochromacy



Original Color
225, 196, 245

Achromatopsia
210, 210, 210

Achromatomaly
215, 205, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 196, 245 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(225, 196, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 245)  
}
```

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(225, 196, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 245) }
```

Border

The CSS property to change the border of an element to RGB 225, 196, 245 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(225, 196, 245) }
```

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

```
.border{ border-color:rgb(225, 196, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 196, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 196, 245); box-shadow:4px 4px 4px 4px rgb(225, 196, 245) }
```

Background

The CSS property to change the background color of an element to RGB 225, 196, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 245) }
```

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

```
.background{ background-color: rgb(225,  
196, 245) }
```

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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