

Converting Colors

RGB(228, 214, 245)

Have a look what the booklet for
RGB(228, 214, 245) contains.

RGB(228, 214, 245)	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(228, 214, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E4D6F5
RGB	228, 214, 245
RGB Percent	89%, 84%, 96%
CMY	0.1059, 0.1608, 0.0392
CMYK	0.07, 0.13, 0.00, 0.04
HSL	267°, 61%, 90%
HSV	267°, 13%, 96%
XYZ	72.5229, 71.1797, 96.3029
YIQ	221.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

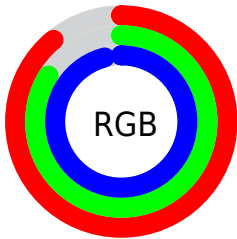
Format	Color
R _Y B	228, 214, 245
Decimal	14997237
CIE Lab	87.57, 10.46, -13.41
CIE LCh	88, 17.006, 307.966
Yxy	71.1797, 0.3022, 0.2966
Android (android.graphics.Color)	4293187317 (0xFFE4D6F5)
YUV	221.7200, 11.4770, 5.5076
Hunter-Lab	84.3681, 5.7948, -8.6196

Details

The RGB color `228, 214, 245` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `231, 245, 214`, and the grayscale version is `222, 222, 222`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 159, 189` is the 20% darker color. If you saturate the color by 10%, you get `215, 190, 245`, and if you desaturate by 10%, it is `241, 239, 245`.

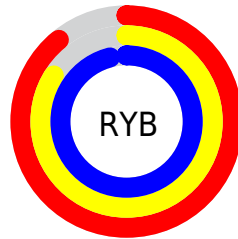
Distribution



Red (89%)

Green (84%)

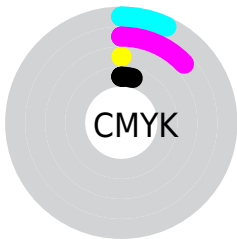
Blue (96%)



Red (89%)

Yellow (84%)

Blue (96%)

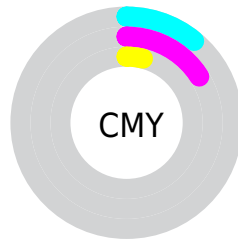


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 214, 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 228, 214, 245 by changing the saturation by 10% instead.

■ 228, 214, 245

255, 255, 255

■ 228, 214, 245

■ 200, 186, 217

■ 172, 159, 189

■ 146, 133, 162

■ 120, 108, 135

■ 95, 84, 110

■ 71, 60, 86


■ 49, 39, 62


■ 27, 18, 40


■ 0, 1, 20

 228, 214, 245

 228, 214, 245

 215, 190, 245


 241, 239, 245


 201, 165, 245


 255, 255, 245

 188, 141, 245


 255, 255, 245


 174, 116, 245

 161, 92, 245

 147, 67, 245

 134, 42, 245

 121, 18, 245

 111, 0, 245

Harmonies

Analogous

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



207, 219, 251



228, 214, 245



245, 210, 232

Triad

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



228, 214, 245



244, 214, 190



180, 229, 223

Complementary

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



228, 214, 245



231, 245, 214

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.



192, 228, 207



228, 214, 245



228, 220, 188

Square

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



228, 214, 245



253, 210, 200



210, 225, 194



179, 228, 239

Rectangle

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



228, 214, 245



251, 209, 221



210, 225, 194



183, 229, 218

Sweetspot

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



228, 214, 245



249, 245, 255



214, 231, 245



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 214, 245



234, 217, 255



243, 214, 245



116, 110, 122



84, 0, 186



26, 0, 59

Inverse Universe

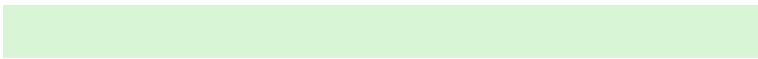
The Inverse Universe completely reimagines the original color for something new.



245, 214, 231



255, 217, 238



216, 245, 214



122, 110, 117



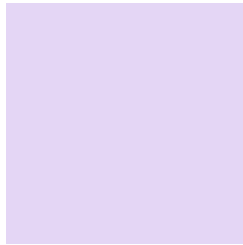
186, 0, 102



59, 0, 32

Previews

White Background



This preview shows how the RGB color 228, 214, 245 looks on a white background.

Color Contrast Check

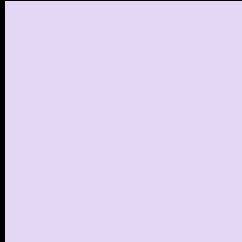
Large Text (above 18pt) WCAG AA × Fail

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 228, 214, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

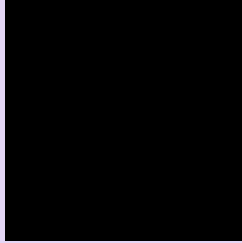
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

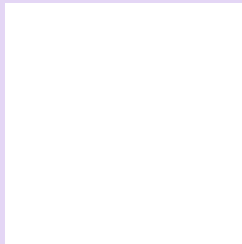
Any Text WCAG AAA ✓ Pass

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

RGB 228, 214, 245 Background



This preview shows how black text looks on a background with the RGB color 228, 214, 245.



This preview shows how white text looks on a background with the RGB color 228, 214, 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](#).

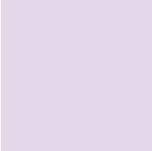
Dichromacy



Original Color
228, 214, 245

Protanopia
215, 218, 247

Deuteranopia
229, 214, 245



Tritanopia
226, 216, 233

Trichromacy



Original Color

228, 214, 245

Protanomaly

220, 217, 246

Deuteranomaly

229, 214, 245

Tritanomaly

227, 215, 237

Monochromacy



Original Color

228, 214, 245

Achromatopsia

222, 222, 222

Achromatomaly

224, 219, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 214, 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(228, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 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(228, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 245) }
```

Border

The CSS property to change the border of an element to RGB 228, 214, 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(228, 214, 245) }
```

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

```
.border{ border-color:rgb(228, 214, 245) }
```

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

Here you see how a box with a 4 pixel rgb(228, 214, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 228, 214, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 245) }
```

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

```
.background{ background-color: rgb(228,  
214, 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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