

# Converting Colors

RGB(225, 193, 232)

Have a look what the booklet for  
RGB(225, 193, 232) contains.

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# **Color**

**RGB(225, 193, 232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1C1E8
RGB	225, 193, 232
RGB Percent	88%, 76%, 91%
CMY	0.1176, 0.2431, 0.0902
CMYK	0.03, 0.17, 0.00, 0.09
HSL	289°, 46%, 83%
HSV	289°, 17%, 91%
XYZ	64.6868, 59.9737, 84.5106
YIQ	207.0140, 6.5530, 18.9130

# Conversions

## Conversions Part 2

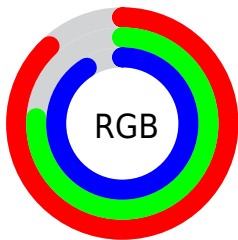
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 193, 232
Decimal	14795240
CIE Lab	81.82, 18.15, -15.14
CIE LCh	82, 23.637, 320.173
Yxy	59.9737, 0.3093, 0.2867
Android (android.graphics.Color)	4292985320 (0xFFE1C1E8)
YUV	207.0140, 12.3181, 15.7737
Hunter-Lab	77.4427, 13.5739, -10.4914

# Details

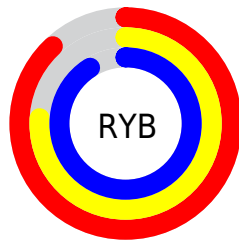
The RGB color **225, 193, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **200, 232, 193**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 250, 255, and **169, 139, 176** is the 20% darker color. If you saturate the color by 10%, you get **221, 170, 232**, and if you desaturate by 10%, it is **229, 216, 232**.

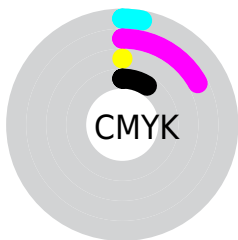
# Distribution



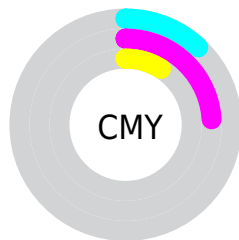
- Red (88%)
- Green (76%)
- Blue (91%)



- Red (88%)
- Yellow (76%)
- Blue (91%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)




- Cyan (12%)
- Magenta (24%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 225, 193, 232 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, 193, 232 by changing the saturation by 10% instead.




 225, 193, 232

255, 255, 255

 255, 250, 255

 225, 193, 232

 197, 166, 204

 169, 139, 176

 143, 114, 150

 117, 89, 124

 92, 65, 99

 68, 43, 75


 45, 22, 52

 27, 0, 31


 0, 0, 3

 225, 193, 232

 225, 193, 232

 221, 170, 232


 229, 216, 232

 217, 147, 232


 233, 239, 232

 213, 123, 232


 237, 255, 232

 208, 100, 232


 242, 255, 232

 204, 77, 232

 246, 255, 232

 200, 54, 232

 250, 255, 232

 196, 31, 232

 254, 255, 232

 192, 7, 232

 255, 255, 232

 190, 0, 232

# Harmonies

## Analogous

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



198, 200, 245



225, 193, 232



243, 188, 212

# Triad

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



225, 193, 232



227, 199, 160



143, 216, 218

# Complementary

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



225, 193, 232



200, 232, 193

# 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.



156, 216, 195



225, 193, 232



204, 207, 162

# Square

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



225, 193, 232



243, 193, 170



179, 212, 175



147, 213, 237

# Rectangle

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



225, 193, 232



249, 188, 197



179, 212, 175



146, 216, 210



# Sweetspot

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



225, 193, 232



253, 242, 255



193, 200, 232



126, 120, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



225, 193, 232



246, 204, 255



232, 193, 220



113, 103, 115



146, 0, 179



42, 0, 51



# Inverse Universe

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



232, 193, 200



255, 204, 213



193, 232, 205



115, 103, 105



179, 0, 32



51, 0, 9



# Previews

## White Background



This preview shows how the RGB color 225, 193, 232 looks on a white background.

## Color Contrast Check

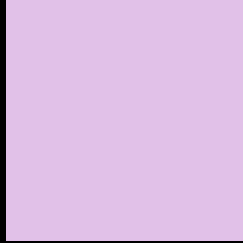
Large Text (above 18pt) WCAG AA × Fail

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, 193, 232 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, 193, 232 Background



This preview shows how black text looks on a background with the RGB color 225, 193, 232.

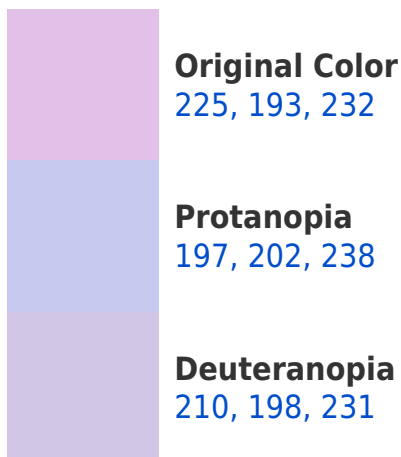



This preview shows how white text looks on a background with the RGB color 225, 193, 232.

# 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**  
222, 196, 212

# Trichromacy



**Original Color**  
225, 193, 232

**Protanomaly**  
207, 199, 236

**Deuteranomaly**  
215, 196, 231

**Tritanomaly**  
223, 195, 219

# Monochromacy



**Original Color**  
225, 193, 232

**Achromatopsia**  
207, 207, 207

**Achromatomaly**  
214, 202, 216

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 225, 193, 232 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, 193, 232)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 232)  
}
```

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, 193, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 232) }
```

## Border

The CSS property to change the border of an element to RGB 225, 193, 232 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, 193, 232) }
```

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

```
.border{ border-color:rgb(225, 193, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 193, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 193, 232); box-shadow:4px 4px 4px 4px rgb(225, 193, 232) }
```

# Background

The CSS property to change the background color of an element to RGB 225, 193, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 232) }
```

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

```
.background{ background-color: rgb(225,  
193, 232) }
```

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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