

Converting Colors

RGB(225, 139, 229)

Have a look what the booklet for
RGB(225, 139, 229) contains.

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Color

RGB(225, 139, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E18BE5
RGB	225, 139, 229
RGB Percent	88%, 55%, 90%
CMY	0.1176, 0.4549, 0.1020
CMYK	0.02, 0.39, 0.00, 0.10
HSL	297°, 63%, 72%
HSV	297°, 39%, 90%
XYZ	54.4268, 40.1299, 79.0060
YIQ	174.9740, 22.3660, 46.2220

Conversions

Conversions Part 2

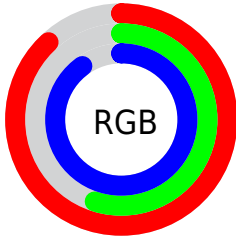
Format	Color
R _Y B	225, 139, 229
Decimal	14781413
CIE Lab	69.56, 46.40, -32.20
CIE LCh	70, 56.480, 325.243
Yxy	40.1299, 0.3136, 0.2312
Android (android.graphics.Color)	4292971493 (0xFFE18BE5)
YUV	174.9740, 26.6348, 43.8728
Hunter-Lab	63.3482, 42.5024, -29.6010

Details

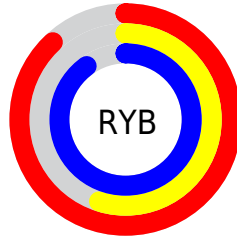
The RGB color **225, 139, 229** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **143, 229, 139**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 194, 255**, and **168, 86, 173** is the 20% darker color. If you saturate the color by 10%, you get **224, 116, 229**, and if you desaturate by 10%, it is **226, 162, 229**.

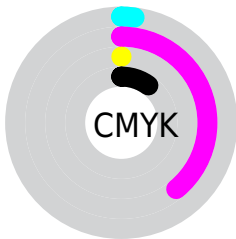
Distribution



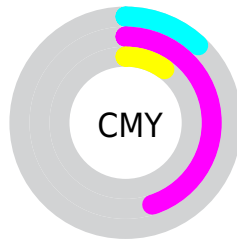
- Red (88%)
- Green (55%)
- Blue (90%)



- Red (88%)
- Yellow (55%)
- Blue (90%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 225, 139, 229 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, 139, 229 by changing the saturation by 10% instead.

 225, 139, 229

 225, 139, 229


255, 255, 255

 196, 112, 201

 255, 194, 255

 168, 86, 173

 255, 223, 255

 141, 60, 146

 255, 252, 255

 114, 34, 120

 87, 0, 95

 62, 0, 71

 41, 0, 49

 0, 0, 26

 0, 0, 0

■ 225, 139, 229

■ 225, 139, 229

■ 224, 116, 229

■ 226, 162, 229

■ 223, 93, 229

■ 227, 185, 229

■ 222, 70, 229

■ 228, 208, 229

■ 221, 47, 229

■ 229, 231, 229

■ 220, 24, 229

■ 230, 254, 229

■ 219, 2, 229

■ 231, 255, 229

■ 219, 0, 229

■ 232, 255, 229

■ 233, 255, 229

■ 234, 255, 229

Harmonies

Analogous

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



159, 160, 255



225, 139, 229



255, 125, 180

Triad

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



225, 139, 229



206, 164, 63



0, 195, 212

Complementary

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



225, 139, 229



143, 229, 139

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.



0, 195, 160



225, 139, 229



156, 180, 72

Square

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



225, 139, 229



244, 145, 87



91, 190, 109



0, 190, 253

Rectangle

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



225, 139, 229



255, 126, 146



91, 190, 109



0, 195, 195

Sweetspot

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



225, 139, 229



254, 224, 255



139, 143, 229



127, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 139, 229



250, 135, 255



229, 139, 188



114, 103, 115



171, 0, 179



49, 0, 51

Inverse Universe

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



229, 139, 143



255, 135, 140



139, 229, 180



115, 103, 104



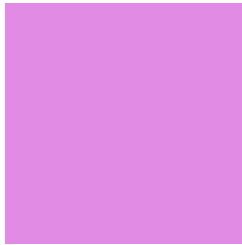
179, 0, 8



51, 0, 2

Previews

White Background



This preview shows how the RGB color 225, 139, 229 looks on a white background.

Color Contrast Check

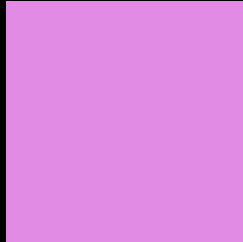
Large Text (above 18pt) WCAG AA × Fail

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, 139, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

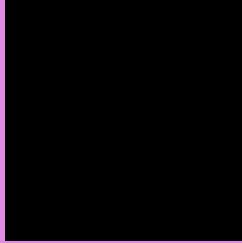
Any Text WCAG AA ✓ Pass

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, 139, 229 Background



This preview shows how black text looks on a background with the RGB color 225, 139, 229.

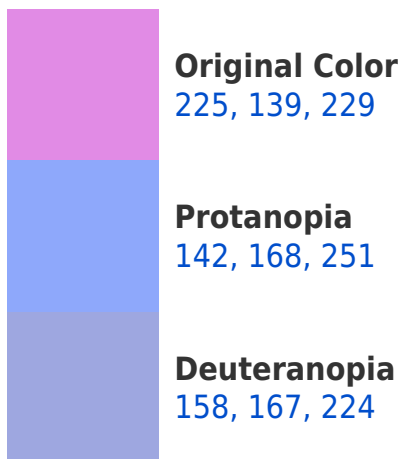



This preview shows how white text looks on a background with the RGB color 225, 139, 229.

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
216, 153, 164

Trichromacy



Original Color

225, 139, 229



Protanomaly

172, 157, 243



Deuteranomaly

182, 157, 226



Tritanomaly

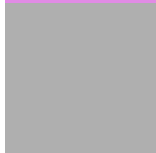
219, 148, 188

Monochromacy



Original Color

225, 139, 229



Achromatopsia

175, 175, 175



Achromatomaly

193, 162, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 139, 229 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, 139, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 139, 229)  
}
```

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, 139, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 139, 229) }
```

Border

The CSS property to change the border of an element to RGB 225, 139, 229 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, 139, 229) }
```

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

```
.border{ border-color:rgb(225, 139, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 139, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 139, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 139, 229); box-shadow:4px 4px 4px 4px rgb(225, 139, 229) }
```

Background

The CSS property to change the background color of an element to RGB 225, 139, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 139, 229) }
```

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

```
.background{ background-color: rgb(225,  
139, 229) }
```

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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