

Converting Colors

RGB(237, 165, 245)

Have a look what the booklet for
RGB(237, 165, 245) contains.

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Color

RGB(237, 165, 245)

Conversions

Conversions Part 1

Format	Color
Hex	EDA5F5
RGB	237, 165, 245
RGB Percent	93%, 65%, 96%
CMY	0.0706, 0.3529, 0.0392
CMYK	0.03, 0.33, 0.00, 0.04
HSL	294°, 80%, 80%
HSV	294°, 33%, 96%
XYZ	64.8616, 51.5074, 92.9095
YIQ	195.6480, 17.2320, 40.1440

Conversions

Conversions Part 2

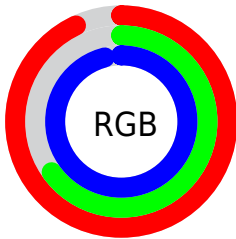
Format	Color
RYB	237, 165, 245
Decimal	15574517
CIELab	76.99, 39.40, -29.38
CIElCh	77, 49.151, 323.293
Yxy	51.5074, 0.3099, 0.2461
Android (android.graphics.Color)	4293764597 (0xFFEDA5F5)
YUV	195.6480, 24.3305, 36.2657
Hunter-Lab	71.7686, 35.7261, -26.5170

Details

The RGB color **237, 165, 245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **173, 245, 165**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 221, 255**, and **180, 112, 189** is the 20% darker color. If you saturate the color by 10%, you get **235, 141, 245**, and if you desaturate by 10%, it is **239, 190, 245**.

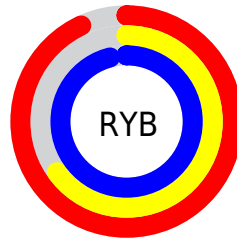
Distribution



Red (93%)

Green (65%)

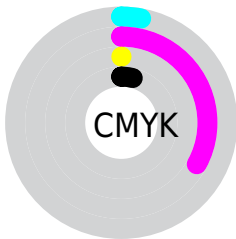
Blue (96%)



Red (93%)

Yellow (65%)

Blue (96%)

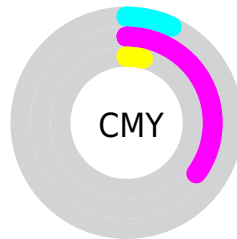


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (7%)


Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 165, 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 237, 165, 245 by changing the saturation by 10% instead.


 237, 165, 245

 237, 165, 245

255, 255, 255

 208, 138, 216

 255, 221, 255

 180, 112, 189

 255, 250, 255

 152, 86, 161

 126, 61, 135


 99, 37, 109

 74, 9, 85

 49, 0, 61

 28, 0, 39


 0, 1, 16

 237, 165, 245


 237, 165, 245

 235, 141, 245

 239, 190, 245

 232, 116, 245

 242, 214, 245

 230, 92, 245

 244, 239, 245

 227, 67, 245


 247, 255, 245

 225, 43, 245

 249, 255, 245

 222, 18, 245

 252, 255, 245

 221, 0, 245

 254, 255, 245

 255, 255, 245

Harmonies

Analogous

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



179, 182, 255



237, 165, 245



255, 154, 202

Triad

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



237, 165, 245



227, 184, 98



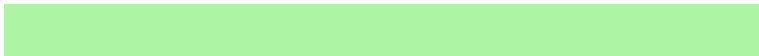
0, 213, 225

Complementary

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



237, 165, 245



173, 245, 165

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.



50, 213, 178



237, 165, 245



183, 198, 104

Square

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



237, 165, 245



255, 168, 119



129, 208, 134



0, 208, 255

Rectangle

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



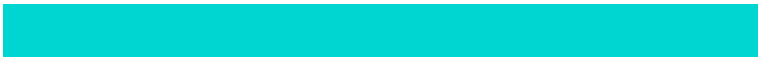
237, 165, 245



255, 153, 171



129, 208, 134



0, 214, 209

Sweetspot

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



237, 165, 245



252, 230, 255



165, 173, 245



126, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 165, 245



245, 156, 255



245, 165, 213



121, 110, 122



168, 0, 186



53, 0, 59

Inverse Universe

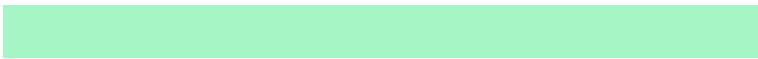
The Inverse Universe completely reimagines the original color for something new.



245, 165, 173



255, 156, 165



165, 245, 197



122, 110, 111



186, 0, 19



59, 0, 6

Previews

White Background



This preview shows how the RGB color 237, 165, 245 looks on a white background.

Color Contrast Check

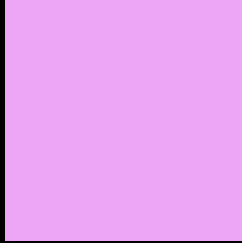
Large Text (above 18pt) WCAG AA × Fail

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 237, 165, 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 237, 165, 245 Background



This preview shows how black text looks on a background with the RGB color 237, 165, 245.

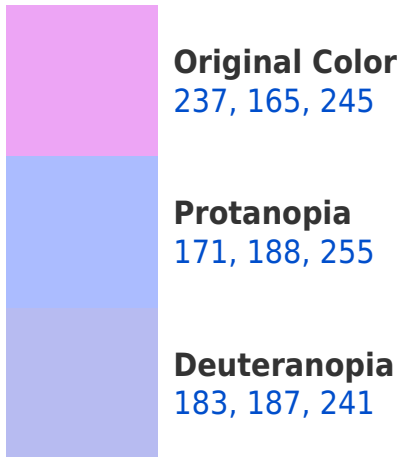



This preview shows how white text looks on a background with the RGB color 237, 165, 245.

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
229, 176, 190

Trichromacy



Original Color

237, 165, 245



Protanomaly

195, 180, 251



Deuteranomaly

203, 179, 242



Tritanomaly

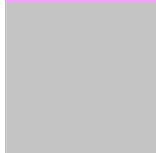
232, 172, 210

Monochromacy



Original Color

237, 165, 245



Achromatopsia

196, 196, 196



Achromatomaly

211, 185, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 165, 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(237, 165, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 165, 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(237, 165, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 165, 245) }
```

Border

The CSS property to change the border of an element to RGB 237, 165, 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(237, 165, 245) }
```

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

```
.border{ border-color:rgb(237, 165, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 165, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 165, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 165, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 165,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 237, 165, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 165, 245) }
```

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

```
.background{ background-color: rgb(237,  
165, 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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