

Converting Colors

RGB(227, 160, 242)

Have a look what the booklet for
RGB(227, 160, 242) contains.

RGB(227, 160, 242)	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(227, 160, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E3A0F2
RGB	227, 160, 242
RGB Percent	89%, 63%, 95%
CMY	0.1098, 0.3725, 0.0510
CMYK	0.06, 0.34, 0.00, 0.05
HSL	289°, 76%, 79%
HSV	289°, 34%, 95%
XYZ	60.2764, 47.8833, 90.0699
YIQ	189.3810, 13.6100, 39.7060

Conversions

Conversions Part 2

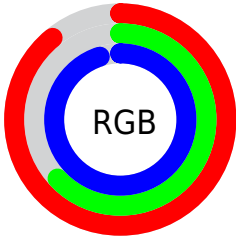
Format	Color
R _Y B	227, 160, 242
Decimal	14917874
CIE Lab	74.75, 38.41, -31.28
CIE LCh	75, 49.531, 320.841
Yxy	47.8833, 0.3041, 0.2416
Android (android.graphics.Color)	4293107954 (0xFFE3A0F2)
YUV	189.3810, 25.9412, 32.9919
Hunter-Lab	69.1978, 34.3906, -28.7352

Details

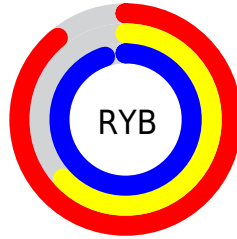
The RGB color **227, 160, 242** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **175, 242, 160**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 216, 255**, and **170, 107, 186** is the 20% darker color. If you saturate the color by 10%, you get **223, 136, 242**, and if you desaturate by 10%, it is **231, 184, 242**.

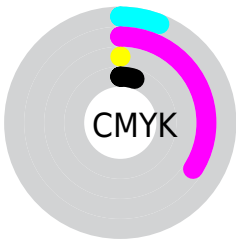
Distribution



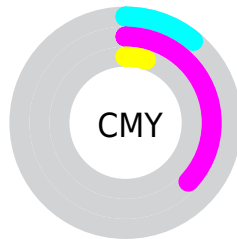
- Red (89%)
- Green (63%)
- Blue (95%)



- Red (89%)
- Yellow (63%)
- Blue (95%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)




- Cyan (11%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 160, 242 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 227, 160, 242 by changing the saturation by 10% instead.


 227, 160, 242

 227, 160, 242


255, 255, 255

 198, 133, 213


 255, 216, 255

 170, 107, 186

 255, 244, 255

 143, 82, 158

 117, 57, 132


 91, 33, 107

 66, 5, 82

 42, 0, 59


 13, 0, 36


 0, 0, 12

 227, 160, 242

 227, 160, 242

 223, 136, 242

 231, 184, 242

 218, 112, 242


 236, 208, 242

 214, 87, 242


 240, 233, 242

 209, 63, 242

 245, 255, 242

 205, 39, 242

 249, 255, 242

 200, 15, 242

 254, 255, 242

 198, 0, 242

 255, 255, 242

Harmonies

Analogous

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



166, 177, 255



227, 160, 242



255, 148, 200

Triad

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



227, 160, 242



224, 177, 93



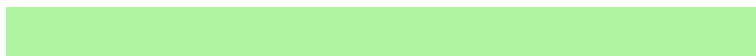
0, 207, 215

Complementary

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



227, 160, 242



175, 242, 160

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.



48, 207, 168



227, 160, 242



180, 191, 96

Square

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



227, 160, 242



255, 160, 115



127, 201, 124



0, 203, 254

Rectangle

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



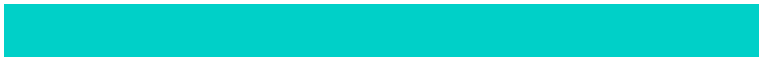
227, 160, 242



255, 146, 169



127, 201, 124



0, 208, 200

Sweetspot

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



227, 160, 242



250, 230, 255



160, 175, 242



125, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 160, 242



236, 150, 255



242, 160, 216



118, 108, 120



150, 0, 184



46, 0, 56

Inverse Universe

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



242, 160, 175



255, 150, 170



160, 242, 186



120, 108, 110



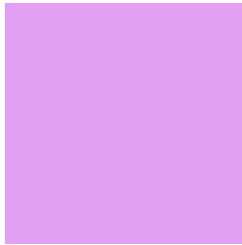
184, 0, 34



56, 0, 10

Previews

White Background



This preview shows how the RGB color 227, 160, 242 looks on a white background.

Color Contrast Check

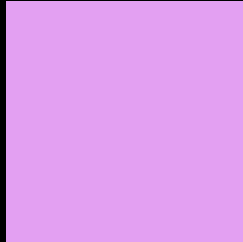
Large Text (above 18pt) WCAG AA × Fail

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 227, 160, 242 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 227, 160, 242 Background



This preview shows how black text looks on a background with the RGB color 227, 160, 242.

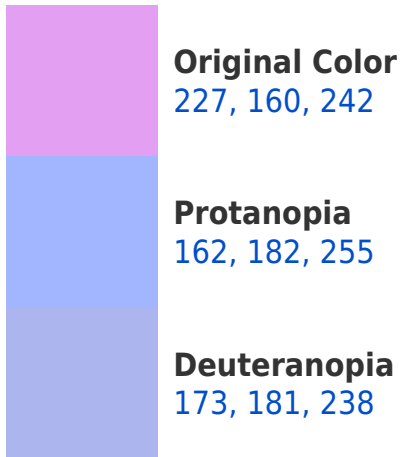


This preview shows how white text looks on a background with the RGB color 227, 160, 242.

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
219, 172, 185

Trichromacy



Original Color

227, 160, 242



Protanomaly

186, 174, 250



Deuteranomaly

193, 173, 239



Tritanomaly

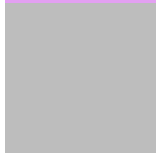
222, 168, 206

Monochromacy



Original Color

227, 160, 242



Achromatopsia

189, 189, 189



Achromatomaly

203, 178, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 160, 242 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(227, 160, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 242)  
}
```

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(227, 160, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 242) }
```

Border

The CSS property to change the border of an element to RGB 227, 160, 242 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(227, 160, 242) }
```

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

```
.border{ border-color:rgb(227, 160, 242) }
```

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

Here you see how a box with a 4 pixel rgb(227, 160, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 160, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 160, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 160,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 227, 160, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 242) }
```

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

```
.background{ background-color: rgb(227,  
160, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor