

Converting Colors

RGB(226, 156, 210)

Have a look what the booklet for
RGB(226, 156, 210) contains.

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Color

RGB(226, 156, 210)

Conversions

Conversions Part 1

Format	Color
Hex	E29CD2
RGB	226, 156, 210
RGB Percent	89%, 61%, 82%
CMY	0.1137, 0.3882, 0.1765
CMYK	0.00, 0.31, 0.07, 0.11
HSL	314°, 55%, 75%
HSV	314°, 31%, 89%
XYZ	54.8854, 44.5988, 66.6884
YIQ	183.0860, 24.3860, 31.6340

Conversions

Conversions Part 2

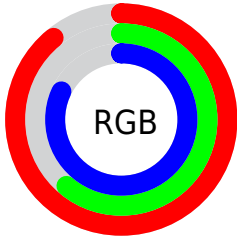
Format	Color
R _Y B	226, 156, 210
Decimal	14851282
CIE Lab	72.63, 34.35, -17.04
CIE LCh	73, 38.349, 333.614
Yxy	44.5988, 0.3303, 0.2684
Android (android.graphics.Color)	4293041362 (0xFFE29CD2)
YUV	183.0860, 13.2686, 37.6356
Hunter-Lab	66.7824, 29.8318, -12.4590

Details

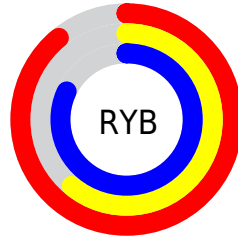
The RGB color **226, 156, 210** is a light color, and the websafe version is hex **CC99CC**, and the color name is **orchid (crayola)**. A complement of this color would be **156, 226, 172**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 211, 255**, and **170, 104, 155** is the 20% darker color. If you saturate the color by 10%, you get **226, 133, 205**, and if you desaturate by 10%, it is **226, 179, 215**.

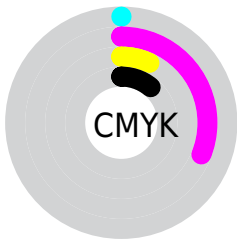
Distribution



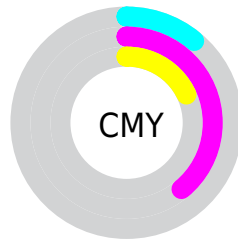
- Red (89%)
- Green (61%)
- Blue (82%)



- Red (89%)
- Yellow (61%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 156, 210 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 226, 156, 210 by changing the saturation by 10% instead.


 226, 156, 210

 226, 156, 210


255, 255, 255

 198, 129, 182

 255, 211, 255

 170, 104, 155

 255, 240, 255

 142, 79, 129

 116, 54, 104

 90, 30, 80

 66, 3, 57

 43, 0, 35

 2, 0, 11

 0, 0, 0

■ 226, 156, 210

■ 226, 156, 210

■ 226, 133, 205

■ 226, 179, 215

■ 226, 111, 200

■ 226, 201, 220

■ 226, 88, 195

■ 226, 224, 225

■ 226, 66, 189

■ 226, 246, 231

■ 226, 43, 184

■ 226, 255, 236

■ 226, 20, 179

■ 226, 255, 241

■ 226, 0, 174

■ 226, 255, 246

■ 226, 255, 251

■ 226, 255, 255

Harmonies

Analogous

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



188, 168, 237



226, 156, 210



245, 151, 175

Triad

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



226, 156, 210



197, 177, 107



31, 196, 216

Complementary

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



226, 156, 210



156, 226, 172

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.



70, 197, 181



226, 156, 210



160, 188, 119

Square

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



226, 156, 210



227, 165, 116



118, 194, 146



73, 190, 240

Rectangle

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



226, 156, 210



247, 153, 152



118, 194, 146



39, 197, 205

Sweetspot

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



226, 156, 210



255, 232, 250



171, 156, 226



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



226, 156, 210



255, 161, 233



226, 156, 176



112, 101, 110



176, 0, 136



48, 0, 37

Inverse Universe

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



226, 156, 210



255, 161, 233



156, 226, 206



112, 101, 110



176, 0, 136



48, 0, 37

Previews

White Background



This preview shows how the RGB color 226, 156, 210 looks on a white background.

Color Contrast Check

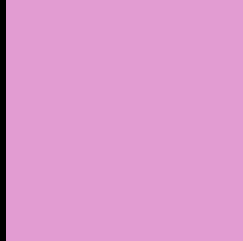
Large Text (above 18pt) WCAG AA × Fail

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 226, 156, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

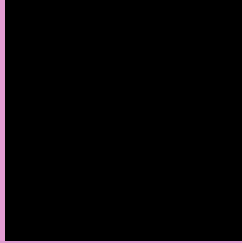
Any Text WCAG AA ✓ Pass

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 226, 156, 210 Background



This preview shows how black text looks on a background with the RGB color 226, 156, 210.



This preview shows how white text looks on a background with the RGB color 226, 156, 210.

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
226, 156, 210

Protanopia
167, 177, 224

Deuteranopia
182, 174, 207



Tritanopia
222, 163, 175

Trichromacy



Original Color

226, 156, 210



Protanomaly

188, 169, 219



Deuteranomaly

198, 167, 208



Tritanomaly

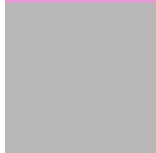
223, 160, 188

Monochromacy



Original Color

226, 156, 210



Achromatopsia

183, 183, 183



Achromatomaly

199, 173, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 156, 210 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(226, 156, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 210)  
}
```

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(226, 156, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 210) }
```

Border

The CSS property to change the border of an element to RGB 226, 156, 210 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(226, 156, 210) }
```

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

```
.border{ border-color:rgb(226, 156, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 156, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 156, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 156, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 156,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 226, 156, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 156, 210) }
```

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

```
.background{ background-color: rgb(226,  
156, 210) }
```

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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