

Converting Colors

RGB(221, 156, 240)

Have a look what the booklet for
RGB(221, 156, 240) contains.

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Color

RGB(221, 156, 240)

Conversions

Conversions Part 1

Format	Color
Hex	DD9CF0
RGB	221, 156, 240
RGB Percent	87%, 61%, 94%
CMY	0.1333, 0.3882, 0.0588
CMYK	0.08, 0.35, 0.00, 0.06
HSL	286°, 74%, 78%
HSV	286°, 35%, 94%
XYZ	57.4354, 45.4404, 88.1818
YIQ	185.0110, 11.7760, 39.9040

Conversions

Conversions Part 2

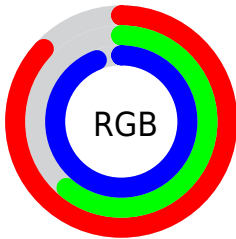
Format	Color
R _{YB}	221, 156, 240
Decimal	14523632
CIE _{Lab}	73.18, 38.32, -32.66
CIE _{LCh}	73, 50.350, 319.553
Y _{xy}	45.4404, 0.3006, 0.2378
Android (android.graphics.Color)	4292713712 (0xFFDD9CF0)
YUV	185.0110, 27.1096, 31.5624
Hunter-Lab	67.4095, 34.1223, -30.3737

Details

The RGB color **221, 156, 240** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **175, 240, 156**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 211, 255**, and **165, 103, 184** is the 20% darker color. If you saturate the color by 10%, you get **216, 132, 240**, and if you desaturate by 10%, it is **226, 180, 240**.

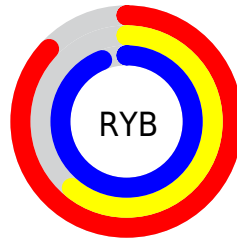
Distribution



Red (87%)

Green (61%)

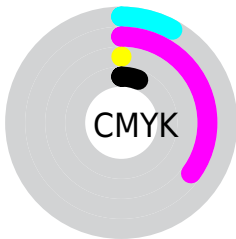
Blue (94%)



Red (87%)

Yellow (61%)

Blue (94%)

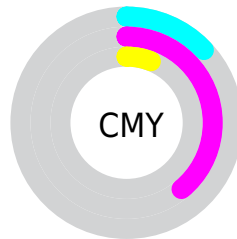


Cyan (8%)

Magenta (35%)

Yellow (0%)

Black (6%)



Cyan (13%)


Magenta (39%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 156, 240 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 221, 156, 240 by changing the saturation by 10% instead.

 221, 156, 240

 221, 156, 240

255, 255, 255


 193, 129, 212

 255, 211, 255

 165, 103, 184

 255, 240, 255

 138, 78, 157

 111, 54, 130


 85, 29, 105


 60, 2, 80


 38, 0, 57

 0, 0, 35


 0, 0, 9

 221, 156, 240

 221, 156, 240

 216, 132, 240

 226, 180, 240

 210, 108, 240

 232, 204, 240

 205, 84, 240


 237, 228, 240

 199, 60, 240

 243, 252, 240

 194, 36, 240

 248, 255, 240

 188, 12, 240

 254, 255, 240

 186, 0, 240

 255, 255, 240

Harmonies

Analogous

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



158, 174, 255



221, 156, 240



255, 143, 198

Triad

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



221, 156, 240



221, 171, 87



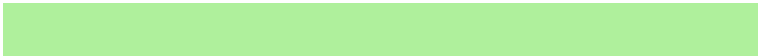
0, 203, 209

Complementary

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



221, 156, 240



175, 240, 156

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.



40, 202, 161



221, 156, 240



178, 186, 90

Square

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



221, 156, 240



253, 155, 111



124, 197, 118



0, 199, 249

Rectangle

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



221, 156, 240



255, 141, 167



124, 197, 118



0, 203, 193

Sweetspot

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



221, 156, 240



249, 227, 255



156, 176, 240



124, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 156, 240



231, 148, 255



240, 156, 218



117, 108, 120



142, 0, 184



43, 0, 56

Inverse Universe

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



240, 156, 175



255, 148, 172



156, 240, 178



120, 108, 111



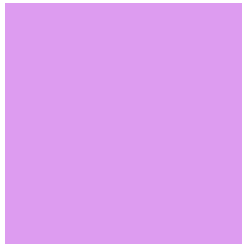
184, 0, 42



56, 0, 13

Previews

White Background



This preview shows how the RGB color 221, 156, 240 looks on a white background.

Color Contrast Check

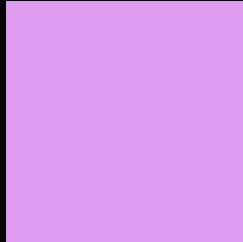
Large Text (above 18pt) WCAG AA × Fail

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 221, 156, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

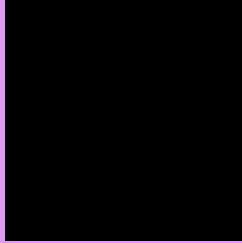
Any Text WCAG AA ✓ Pass

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 221, 156, 240 Background



This preview shows how black text looks on a background with the RGB color 221, 156, 240.




This preview shows how white text looks on a background with the RGB color 221, 156, 240.

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
212, 168, 181

Trichromacy



Original Color

221, 156, 240



Protanomaly

180, 169, 250



Deuteranomaly

187, 169, 237



Tritanomaly

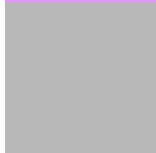
215, 164, 202

Monochromacy



Original Color

221, 156, 240



Achromatopsia

185, 185, 185



Achromatomaly

198, 174, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 156, 240 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(221, 156, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 156, 240)  
}
```

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(221, 156, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 156, 240) }
```

Border

The CSS property to change the border of an element to RGB 221, 156, 240 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(221, 156, 240) }
```

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

```
.border{ border-color:rgb(221, 156, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 156, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 156, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 156, 240); box-shadow:4px 4px 4px 4px rgb(221, 156, 240) }
```

Background

The CSS property to change the background color of an element to RGB 221, 156, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 156, 240) }
```

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

```
.background{ background-color: rgb(221,  
156, 240) }
```

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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