

Converting Colors

RGB(205, 162, 225)

Have a look what the booklet for
RGB(205, 162, 225) contains.

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Color

RGB(205, 162, 225)

Conversions

Conversions Part 1

Format	Color
Hex	CDA2E1
RGB	205, 162, 225
RGB Percent	80%, 64%, 88%
CMY	0.1961, 0.3647, 0.1176
CMYK	0.09, 0.28, 0.00, 0.12
HSL	281°, 51%, 76%
HSV	281°, 28%, 88%
XYZ	51.6878, 44.2560, 77.0522
YIQ	182.0390, 5.4050, 28.7090

Conversions

Conversions Part 2

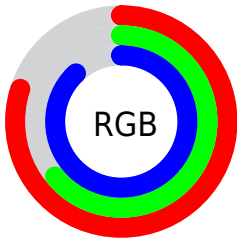
Format	Color
R _Y B	205, 162, 225
Decimal	13476577
CIE Lab	72.40, 27.09, -25.81
CIE LCh	72, 37.417, 316.379
Yxy	44.2560, 0.2988, 0.2558
Android (android.graphics.Color)	4291666657 (0xFFCDA2E1)
YUV	182.0390, 21.1798, 20.1368
Hunter-Lab	66.5252, 22.2692, -22.1044

Details

The RGB color **205, 162, 225** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182, 225, 162**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 217, 255**, and **150, 110, 170** is the 20% darker color. If you saturate the color by 10%, you get **198, 139, 225**, and if you desaturate by 10%, it is **212, 185, 225**.

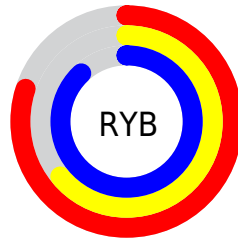
Distribution



Red (80%)

Green (64%)

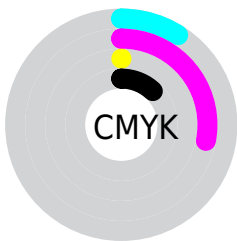
Blue (88%)



Red (80%)

Yellow (64%)

Blue (88%)

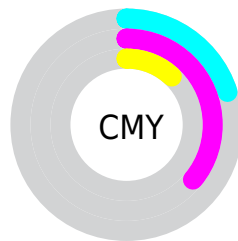


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 162, 225 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 205, 162, 225 by changing the saturation by 10% instead.


 205, 162, 225

 205, 162, 225

255, 255, 255

 177, 136, 197

 255, 217, 255

 150, 110, 170

 255, 246, 255


 124, 85, 143

 98, 61, 117

 73, 38, 92

 50, 16, 68


 30, 0, 46


 0, 1, 24


 0, 0, 0

 205, 162, 225

 205, 162, 225

 198, 139, 225

 212, 185, 225

 191, 117, 225

 219, 207, 225

 184, 95, 225

 226, 230, 225

 176, 72, 225

 234, 252, 225

 169, 49, 225

 241, 255, 225

 162, 27, 225

 248, 255, 225

 155, 5, 225

 255, 255, 225

 154, 0, 225

 255, 255, 225

Harmonies

Analogous

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



159, 174, 243



205, 162, 225



235, 153, 195

Triad

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



205, 162, 225



214, 170, 111



56, 196, 196

Complementary

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



205, 162, 225



182, 225, 162

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.



100, 195, 160



205, 162, 225



182, 181, 111

Square

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



205, 162, 225



237, 159, 130



143, 190, 129



50, 193, 226

Rectangle

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



205, 162, 225



244, 151, 171



143, 190, 129



70, 196, 184

Sweetspot

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



205, 162, 225



249, 235, 255



162, 183, 225



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 162, 225



227, 168, 255



225, 162, 214



109, 101, 112



120, 0, 176



33, 0, 48

Inverse Universe

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



225, 162, 182



255, 168, 196



162, 225, 172



112, 101, 105



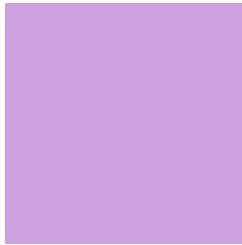
176, 0, 56



48, 0, 15

Previews

White Background



This preview shows how the RGB color 205, 162, 225 looks on a white background.

Color Contrast Check

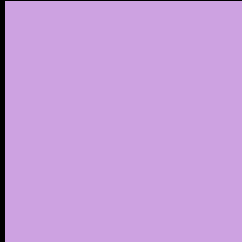
Large Text (above 18pt) WCAG AA × Fail

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 205, 162, 225 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 205, 162, 225 Background



This preview shows how black text looks on a background with the RGB color 205, 162, 225.



This preview shows how white text looks on a background with the RGB color 205, 162, 225.

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
205, 162, 225

Protanopia
161, 176, 235

Deuteranopia
172, 174, 223



Tritanopia
199, 170, 183

Trichromacy



Original Color
205, 162, 225

Protanomaly
177, 171, 231

Deuteranomaly
184, 170, 224

Tritanomaly
201, 167, 198

Monochromacy



Original Color
205, 162, 225

Achromatopsia
182, 182, 182

Achromatomaly
190, 175, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 162, 225 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(205, 162, 225) looks like.

```
.text, #text, p{  
    color:rgb(205, 162, 225)  
}
```

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(205, 162, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 225) }
```

Border

The CSS property to change the border of an element to RGB 205, 162, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

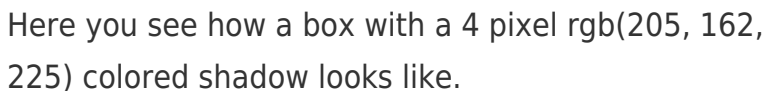
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 162, 225) }
```

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

```
.border{ border-color:rgb(205, 162, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 162, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 162, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 162, 225);  
box-shadow:4px 4px 4px 4px rgb(205, 162,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 205, 162, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 162, 225) }
```

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

```
.background{ background-color: rgb(205,  
162, 225) }
```

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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