

Converting Colors

RGB(196, 162, 226)

Have a look what the booklet for
RGB(196, 162, 226) contains.

RGB(196, 162, 226)	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(196, 162, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2E2
RGB	196, 162, 226
RGB Percent	77%, 64%, 89%
CMY	0.2314, 0.3647, 0.1137
CMYK	0.13, 0.28, 0.00, 0.11
HSL	272°, 52%, 76%
HSV	272°, 28%, 89%
XYZ	49.4127, 43.0674, 77.6600
YIQ	179.4620, -0.2800, 27.1120

Conversions

Conversions Part 2

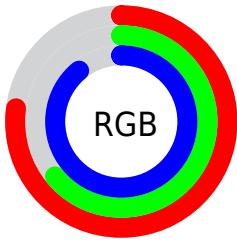
Format	Color
R_{YB}	196, 162, 226
Decimal	12886754
CIE _{Lab}	71.60, 24.45, -27.66
CIE _{LCh}	72, 36.917, 311.479
Yxy	43.0674, 0.2904, 0.2531
Android (android.graphics.Color)	4291076834 (0xFFC4A2E2)
YUV	179.4620, 22.9432, 14.5038
Hunter-Lab	65.6258, 19.5560, -24.2244

Details

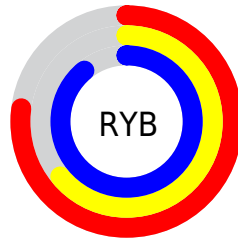
The RGB color **196, 162, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192, 226, 162**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **253, 217, 255**, and **142, 110, 170** is the 20% darker color. If you saturate the color by 10%, you get **185, 139, 226**, and if you desaturate by 10%, it is **207, 185, 226**.

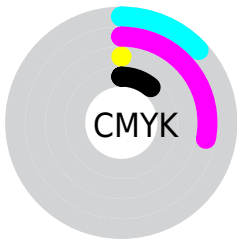
Distribution



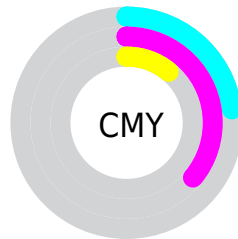
- Red (77%)
- Green (64%)
- Blue (89%)



- Red (77%)
- Yellow (64%)
- Blue (89%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 162, 226 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 196, 162, 226 by changing the saturation by 10% instead.

 196, 162, 226

255, 255, 255

 253, 217, 255


 255, 246, 255

 196, 162, 226


 168, 136, 198

 142, 110, 170

 115, 85, 144

 90, 62, 118

 66, 39, 93

 42, 18, 69


 23, 0, 47

 0, 1, 25

 0, 0, 0

 196, 162, 226

 196, 162, 226

 185, 139, 226

 207, 185, 226

 175, 117, 226


 217, 207, 226

 164, 94, 226

 228, 230, 226

 154, 72, 226

 238, 252, 226

 143, 49, 226

 249, 255, 226

 132, 26, 226

 255, 255, 226

 122, 4, 226

 120, 0, 226

Harmonies

Analogous

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



148, 174, 241



196, 162, 226



228, 152, 198

Triad

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



196, 162, 226



216, 166, 112



63, 194, 188

Complementary

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



196, 162, 226



192, 226, 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.



106, 192, 153



196, 162, 226



185, 178, 109

Square

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



196, 162, 226



236, 155, 132



148, 187, 124



46, 191, 219

Rectangle

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



196, 162, 226



239, 149, 175



148, 187, 124



77, 194, 176

Sweetspot

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



196, 162, 226



245, 235, 255



162, 193, 226



122, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 162, 226



214, 168, 255



226, 162, 225



107, 101, 112



93, 0, 176



26, 0, 48

Inverse Universe

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



226, 162, 192



255, 168, 209



162, 226, 163



112, 101, 106



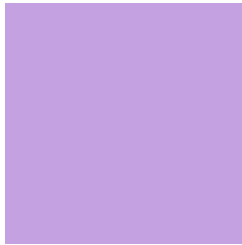
176, 0, 82



48, 0, 23

Previews

White Background



This preview shows how the RGB color 196, 162, 226 looks on a white background.

Color Contrast Check

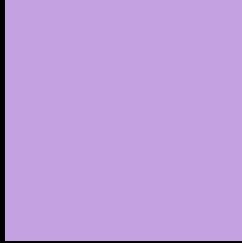
Large Text (above 18pt) WCAG AA × Fail

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 196, 162, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

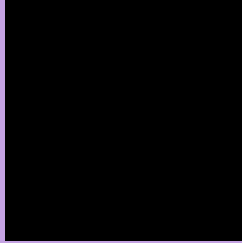
Any Text WCAG AA ✓ Pass

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 196, 162, 226 Background



This preview shows how black text looks on a background with the RGB color 196, 162, 226.



This preview shows how white text looks on a background with the RGB color 196, 162, 226.

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
196, 162, 226

Protanopia
158, 173, 234

Deuteranopia
167, 172, 224



Tritanopia
189, 170, 183

Trichromacy



Original Color
196, 162, 226

Protanomaly
172, 169, 231

Deuteranomaly
178, 168, 225

Tritanomaly
192, 167, 199

Monochromacy



Original Color
196, 162, 226

Achromatopsia
179, 179, 179

Achromatomaly
185, 173, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 162, 226 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(196, 162, 226)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 226)  
}
```

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(196, 162, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 226) }
```

Border

The CSS property to change the border of an element to RGB 196, 162, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

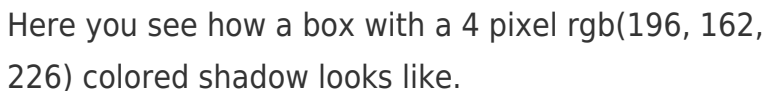
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 162, 226) }
```

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

```
.border{ border-color:rgb(196, 162, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 162, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 226);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 196, 162, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 226) }
```

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

```
.background{ background-color: rgb(196,  
162, 226) }
```

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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