

Converting Colors

RGB(205, 172, 226)

Have a look what the booklet for
RGB(205, 172, 226) contains.

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Color

RGB(205, 172, 226)

Conversions

Conversions Part 1

Format	Color
Hex	CDACE2
RGB	205, 172, 226
RGB Percent	80%, 67%, 89%
CMY	0.1961, 0.3255, 0.1137
CMYK	0.09, 0.24, 0.00, 0.11
HSL	277°, 48%, 78%
HSV	277°, 24%, 89%
XYZ	53.6568, 47.9752, 78.3836
YIQ	188.0230, 2.3340, 23.7900

Conversions

Conversions Part 2

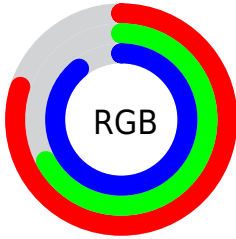
Format	Color
R _Y B	205, 172, 226
Decimal	13479138
CIE Lab	74.81, 21.82, -22.68
CIE LCh	75, 31.470, 313.890
Yxy	47.9752, 0.2981, 0.2665
Android (android.graphics.Color)	4291669218 (0xFFCDACE2)
YUV	188.0230, 18.7227, 14.8888
Hunter-Lab	69.2641, 17.0664, -18.6114

Details

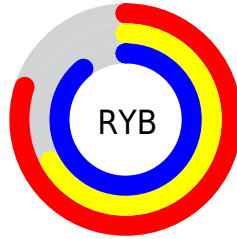
The RGB color **205, 172, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193, 226, 172**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 228, 255**, and **150, 119, 171** is the 20% darker color. If you saturate the color by 10%, you get **196, 149, 226**, and if you desaturate by 10%, it is **214, 195, 226**.

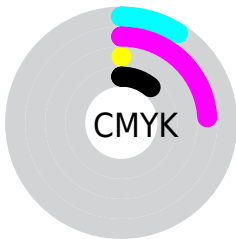
Distribution



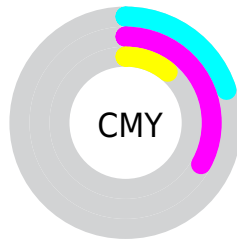
- Red (80%)
- Green (67%)
- Blue (89%)



- Red (80%)
- Yellow (67%)
- Blue (89%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)




- Cyan (20%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 205, 172, 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 205, 172, 226 by changing the saturation by 10% instead.


 205, 172, 226

 205, 172, 226

255, 255, 255

 177, 145, 198


 255, 228, 255

 150, 119, 171

 124, 95, 144

 99, 71, 118

 74, 48, 93

 51, 26, 70


 29, 3, 47

 0, 1, 26

 0, 0, 0

 205, 172, 226

 205, 172, 226

 196, 149, 226


 214, 195, 226

 187, 127, 226


 223, 217, 226

 179, 104, 226

 231, 240, 226

 170, 82, 226


 240, 255, 226

 161, 59, 226

 249, 255, 226

 152, 36, 226

 255, 255, 226

 143, 14, 226

 138, 0, 226

Harmonies

Analogous

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



166, 182, 240



205, 172, 226



232, 164, 201

Triad

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



205, 172, 226



218, 177, 129



97, 200, 197

Complementary

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



205, 172, 226



193, 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.



125, 199, 167



205, 172, 226



191, 187, 127

Square

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



205, 172, 226



237, 168, 145



158, 194, 142



94, 198, 223

Rectangle

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



205, 172, 226



240, 163, 181



158, 194, 142



105, 200, 187

Sweetspot

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



205, 172, 226



248, 237, 255



172, 194, 226



124, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 172, 226



226, 181, 255



226, 172, 221



108, 101, 112



108, 0, 176



30, 0, 48

Inverse Universe

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



226, 172, 193



255, 181, 210



172, 226, 177



112, 101, 105



176, 0, 68



48, 0, 19

Previews

White Background



This preview shows how the RGB color 205, 172, 226 looks on a white background.

Color Contrast Check

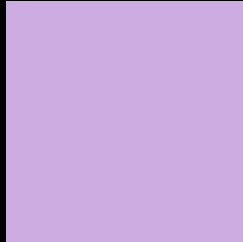
Large Text (above 18pt) WCAG AA × Fail

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 205, 172, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

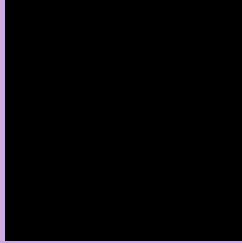
Any Text WCAG AA ✓ Pass

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 205, 172, 226 Background



This preview shows how black text looks on a background with the RGB color 205, 172, 226.



This preview shows how white text looks on a background with the RGB color 205, 172, 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
205, 172, 226

Protanopia
172, 182, 233

Deuteranopia
182, 180, 224



Tritanopia
200, 178, 192

Trichromacy



Original Color
205, 172, 226

Protanomaly
184, 178, 230

Deuteranomaly
190, 177, 225

Tritanomaly
202, 176, 204

Monochromacy



Original Color
205, 172, 226

Achromatopsia
188, 188, 188

Achromatomaly
194, 182, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 172, 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(205, 172, 226) looks like.

```
.text, #text, p{  
    color:rgb(205, 172, 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(205, 172, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 172, 226) }
```

Border

The CSS property to change the border of an element to RGB 205, 172, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

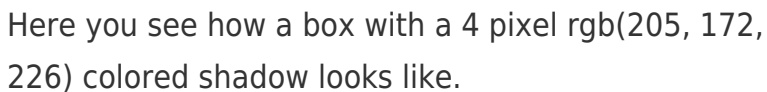
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 172, 226) }
```

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

```
.border{ border-color:rgb(205, 172, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 172, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 172, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 172, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 172,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 205, 172, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 172, 226) }
```

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

```
.background{ background-color: rgb(205,  
172, 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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