

Converting Colors

RGB(219, 166, 228)

Have a look what the booklet for
RGB(219, 166, 228) contains.

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Color

RGB(219, 166, 228)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBA6E4 |
| RGB | 219, 166, 228 |
| RGB Percent | 86%, 65%, 89% |
| CMY | 0.1412, 0.3490, 0.1059 |
| CMYK | 0.04, 0.27, 0.00, 0.11 |
| HSL | 291°, 53%, 77% |
| HSV | 291°, 27%, 89% |
| XYZ | 56.8532, 47.9339, 79.6545 |
| YIQ | 188.9150, 11.6860, 30.5180 |

Conversions

Conversions Part 2

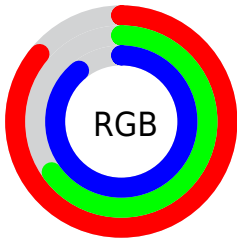
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 166, 228 |
| Decimal | 14395108 |
| CIE Lab | 74.78, 29.98, -23.69 |
| CIE LCh | 75, 38.207, 321.685 |
| Yxy | 47.9339, 0.3082, 0.2599 |
| Android (android.graphics.Color) | 4292585188 (0xFFDBA6E4) |
| YUV | 188.9150, 19.2689, 26.3845 |
| Hunter-Lab | 69.2343, 25.4189, -19.7494 |

Details

The RGB color **219, 166, 228** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175, 228, 166**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 222, 255**, and **163, 113, 172** is the 20% darker color. If you saturate the color by 10%, you get **216, 143, 228**, and if you desaturate by 10%, it is **222, 189, 228**.

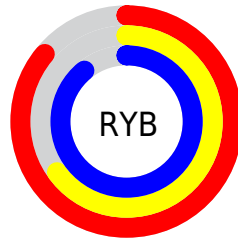
Distribution



Red (86%)

Green (65%)

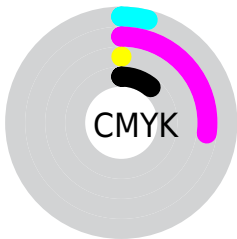
Blue (89%)



Red (86%)

Yellow (65%)

Blue (89%)

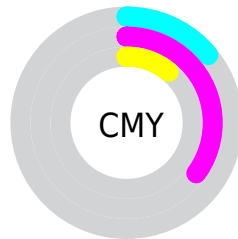


Cyan (4%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 166, 228 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 219, 166, 228 by changing the saturation by 10% instead.


 219, 166, 228

255, 255, 255

 255, 222, 255

 255, 250, 255

 219, 166, 228


 191, 139, 200

 163, 113, 172

 137, 88, 146

 110, 64, 120

 85, 41, 95

 61, 18, 71

 38, 0, 48

 3, 0, 27

 0, 0, 0

■ 219, 166, 228

■ 219, 166, 228

■ 216, 143, 228

■ 222, 189, 228

■ 212, 120, 228

■ 226, 212, 228

■ 209, 98, 228

■ 229, 234, 228

■ 206, 75, 228

■ 232, 255, 228

■ 202, 52, 228

■ 236, 255, 228

■ 199, 29, 228

■ 239, 255, 228

■ 196, 6, 228

■ 242, 255, 228

■ 195, 0, 228

■ 245, 255, 228

■ 249, 255, 228

Harmonies

Analogous

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



174, 179, 249



219, 166, 228



246, 158, 195

Triad

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



219, 166, 228



216, 179, 114



53, 203, 209

Complementary

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



219, 166, 228



175, 228, 166

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.



96, 202, 173



219, 166, 228



182, 190, 118

Square

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



219, 166, 228



242, 167, 130



141, 198, 139



61, 199, 238

Rectangle

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



219, 166, 228



253, 157, 171



141, 198, 139



66, 203, 197

Sweetspot

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



219, 166, 228



252, 235, 255



166, 175, 228



126, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 166, 228



243, 171, 255



228, 166, 206



113, 103, 115



153, 0, 179



44, 0, 51

Inverse Universe

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



228, 166, 175



255, 171, 183



166, 228, 188



115, 103, 105



179, 0, 26



51, 0, 7

Previews

White Background



This preview shows how the RGB color 219, 166, 228 looks on a white background.

Color Contrast Check

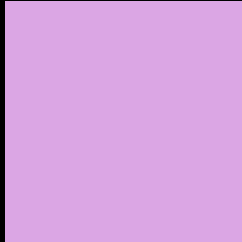
Large Text (above 18pt) WCAG AA × Fail

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 219, 166, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

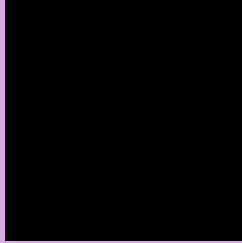
Any Text WCAG AA ✓ Pass

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 219, 166, 228 Background



This preview shows how black text looks on a background with the RGB color 219, 166, 228.



This preview shows how white text looks on a background with the RGB color 219, 166, 228.

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
219, 166, 228

Protanopia
169, 182, 240

Deuteranopia
182, 180, 225



Tritanopia
213, 174, 187

Trichromacy



Original Color

219, 166, 228



Protanomaly

187, 176, 236



Deuteranomaly

195, 175, 226



Tritanomaly

215, 171, 202

Monochromacy



Original Color

219, 166, 228



Achromatopsia

189, 189, 189



Achromatomaly

200, 181, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 166, 228 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(219, 166, 228) looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 228)  
}
```

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(219, 166, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 228) }
```

Border

The CSS property to change the border of an element to RGB 219, 166, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

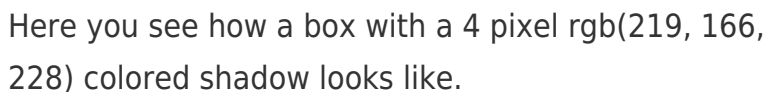
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 166, 228) }
```

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

```
.border{ border-color:rgb(219, 166, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 166, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 166, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 166, 228); box-shadow:4px 4px 4px 4px rgb(219, 166, 228) }
```

Background

The CSS property to change the background color of an element to RGB 219, 166, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 228) }
```

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

```
.background{ background-color: rgb(219,  
166, 228) }
```

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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