

Converting Colors

RGB(219, 77, 186)

Have a look what the booklet for
RGB(219, 77, 186) contains.

RGB(219, 77, 186)	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(219, 77, 186)

Conversions

Conversions Part 1

Format	Color
Hex	DB4DBA
RGB	219, 77, 186
RGB Percent	86%, 30%, 73%
CMY	0.1412, 0.6980, 0.2706
CMYK	0.00, 0.65, 0.15, 0.14
HSL	314°, 66%, 58%
HSV	314°, 65%, 86%
XYZ	40.7302, 23.9130, 48.9233
YIQ	131.8840, 49.6430, 64.0030

Conversions

Conversions Part 2

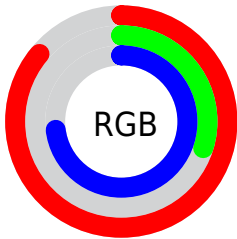
Format	Color
RYB	219, 77, 186
Decimal	14372282
CIELab	56.00, 66.61, -29.05
CIELCh	56, 72.671, 336.441
Yxy	23.9130, 0.3586, 0.2106
Android (android.graphics.Color)	4292562362 (0xFFDB4DBA)
YUV	131.8840, 26.6792, 76.4007
Hunter-Lab	48.9009, 63.0984, -25.0865

Details

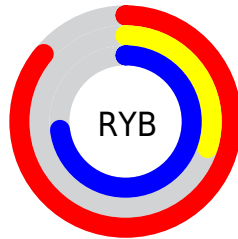
The RGB color **219, 77, 186** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **77, 219, 110**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 135, 242**, and **160, 0, 133** is the 20% darker color. If you saturate the color by 10%, you get **219, 55, 181**, and if you desaturate by 10%, it is **219, 99, 191**.

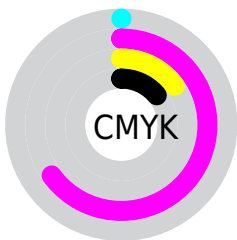
Distribution



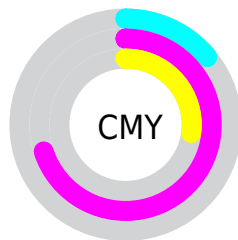
- Red (86%)
- Green (30%)
- Blue (73%)



- Red (86%)
- Yellow (30%)
- Blue (73%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (14%)




- Cyan (14%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 77, 186 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, 77, 186 by changing the saturation by 10% instead.

 219, 77, 186

 219, 77, 186

255, 255, 255

 189, 45, 159

 255, 135, 242

 160, 0, 133

 255, 163, 255

 132, 0, 107

 255, 192, 255


 104, 0, 82

 255, 222, 255

 76, 0, 59

 255, 251, 255

 50, 0, 37

 11, 0, 12

 0, 0, 0

 219, 77, 186

 219, 77, 186

■ 219, 55, 181

■ 219, 99, 191

■ 219, 33, 176

■ 219, 121, 196

■ 219, 11, 171

■ 219, 143, 201

■ 219, 0, 168

■ 219, 165, 206

■ 219, 186, 211

■ 219, 208, 217

■ 219, 230, 222

■ 219, 252, 227

■ 219, 255, 232

Harmonies

Analogous

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



151, 111, 237



219, 77, 186



244, 60, 123

Triad

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



219, 77, 186



150, 136, 0



0, 161, 208

Complementary

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



219, 77, 186



77, 219, 110

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.



0, 162, 147



219, 77, 186



81, 151, 0

Square

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



219, 77, 186



201, 112, 0



0, 159, 80



0, 154, 250

Rectangle

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



219, 77, 186



241, 71, 82



0, 159, 80



0, 162, 189

Sweetspot

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



219, 77, 186



255, 207, 244



108, 77, 219



128, 98, 121



0, 0, 0



128, 128, 128

Same Dimension

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



219, 77, 186



255, 56, 209



219, 77, 117



110, 99, 107



173, 0, 133



46, 0, 35

Inverse Universe

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



219, 77, 186



255, 56, 209



77, 219, 179



110, 99, 107



173, 0, 133



46, 0, 35

Previews

White Background



This preview shows how the RGB color 219, 77, 186 looks on a white background.

Color Contrast Check

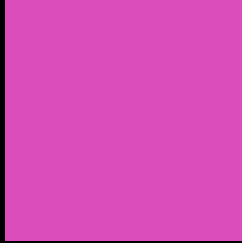
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77, 186 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 219, 77, 186 Background



This preview shows how black text looks on a background with the RGB color 219, 77, 186.



This preview shows how white text looks on a background with the RGB color 219, 77, 186.

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, 77, 186

Protanopia
92, 132, 231

Deuteranopia
124, 132, 177



Tritanopia
211, 99, 106

Trichromacy



Original Color
219, 77, 186



Protanomaly
138, 112, 215



Deuteranomaly
159, 112, 180

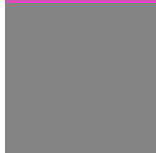


Tritanomaly
214, 91, 135

Monochromacy



Original Color
219, 77, 186



Achromatopsia
132, 132, 132



Achromatomaly
164, 112, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 77, 186 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, 77, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 77, 186)  
}
```

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, 77, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 77, 186) }
```

Border

The CSS property to change the border of an element to RGB 219, 77, 186 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, 77, 186) }
```

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

```
.border{ border-color:rgb(219, 77, 186) }
```

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

Here you see how a box with a 4 pixel rgb(219, 77, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 77, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 77, 186);  
box-shadow:4px 4px 4px 4px rgb(219, 77,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 219, 77, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 77, 186) }
```

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

```
.background{ background-color: rgb(219, 77,  
186) }
```

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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