

Converting Colors

`RYB(219, 0, 168)`

Have a look what the booklet for
RYB(219, 0, 168) contains.

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Color

R_YB(219, 0, 168)

Conversions

Conversions Part 1

Format	Color
Hex	DB00A8
RGB	219, 0, 168
RGB Percent	86%, 0%, 66%
CMY	0.1412, 1.0000, 0.3412
CMYK	0.00, 1.00, 0.23, 0.14
HSL	314°, 100%, 43%
HSV	314°, 100%, 86%
XYZ	36.2813, 17.8872, 38.5861
YIQ	84.6330, 76.5960, 98.6760

Conversions

Conversions Part 2

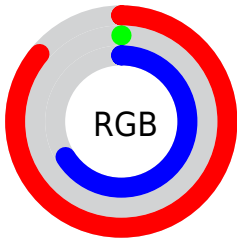
Format	Color
RYB	219, 0, 168
Decimal	14352552
CIELab	49.36, 80.98, -28.84
CIElCh	49, 85.967, 340.396
Yxy	17.8872, 0.3912, 0.1928
Android (android.graphics.Color)	4292542632 (0xFFDB00A8)
YUV	84.6330, 41.0999, 117.8399
Hunter-Lab	42.2933, 79.1130, -24.4877

Details

The RYB color **219, 0, 168** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0, 178, 219**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **255, 94, 223**, and **159, 0, 116** is the 20% darker color. If you saturate the color by 10%, you get **219, 0, 168**, and if you desaturate by 10%, it is **219, 22, 173**.

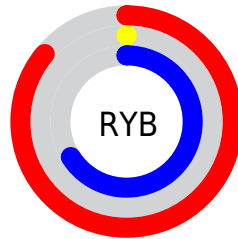
Distribution



Red (86%)

Green (0%)

Blue (66%)



Red (86%)

Yellow (0%)

Blue (66%)

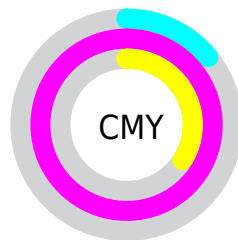


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (14%)



Cyan (14%)


Magenta (100%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 0, 168 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 RYB color 219, 0, 168 by changing the saturation by 10% instead.

 219, 0, 168

 219, 0, 168

255, 255, 255

 189, 0, 141

 255, 94, 223

 159, 0, 116

 255, 125, 252

 129, 0, 91

 255, 155, 255

 100, 0, 67

 255, 185, 255


 73, 0, 45

 255, 216, 255

 43, 0, 22

 255, 246, 255

 0, 0, 0

 219, 0, 168

 219, 22, 173

■ 219, 44, 178

■ 219, 66, 183

■ 219, 88, 188

■ 219, 110, 193

■ 219, 131, 199

■ 219, 153, 204

■ 219, 175, 209

■ 219, 197, 214

Harmonies

Analogous

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



146, 82, 230



219, 0, 168



240, 0, 96

Triad

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



219, 0, 168



0, 123, 2



0, 86, 211

Complementary

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



219, 0, 168



0, 178, 219

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, 75, 147



219, 0, 168



0, 137, 129

Square

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



219, 0, 168



164, 181, 0



0, 100, 144



0, 90, 255

Rectangle

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



219, 0, 168



233, 16, 49



0, 100, 144



0, 83, 190

Sweetspot

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



219, 0, 168



255, 179, 237



47, 0, 219



128, 82, 117



0, 0, 0



128, 128, 128

Same Dimension

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



219, 0, 168



255, 0, 196



219, 0, 62



110, 99, 107



173, 0, 133



46, 0, 35

Inverse Universe

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



219, 0, 168



255, 0, 196



0, 128, 219



110, 99, 107



173, 0, 133



46, 0, 35

Previews

White Background



This preview shows how the RYB color 219, 0, 168 looks on a white background.

Color Contrast Check

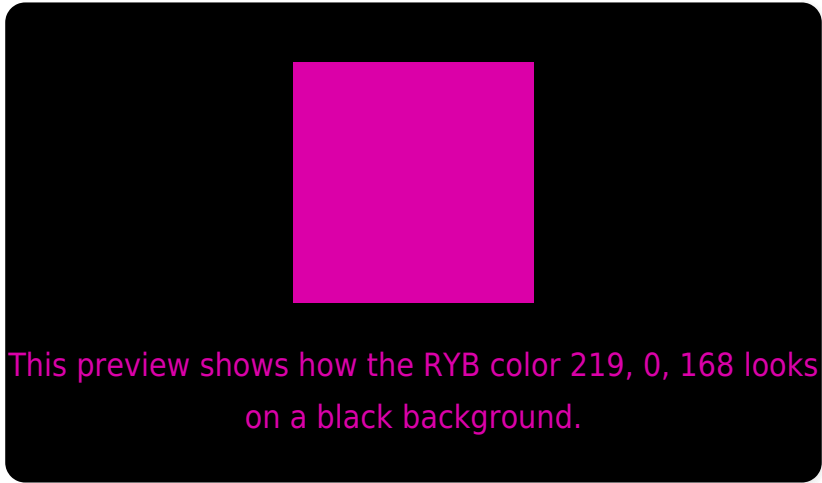
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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](#).

RYB 219, 0, 168 Background



This preview shows how black text looks on a background with the RYB color 219, 0, 168.



This preview shows how white text looks on a background with the RYB color 219, 0, 168.

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, 0, 168

Protanopia

36, 93, 239

Deuteranopia

110, 116, 157



Tritanopia
211, 66, 70

Trichromacy



Original Color

219, 0, 168



Protanomaly

103, 73, 213



Deuteranomaly

150, 74, 161



Tritanomaly

214, 42, 106

Monochromacy



Original Color

219, 0, 168



Achromatopsia

85, 85, 85



Achromatomaly

134, 54, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 0, 168 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, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 168)  
}
```

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, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 168) }
```

Border

The CSS property to change the border of an element to RYB 219, 0, 168 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, 0, 168) }
```

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

```
.border{ border-color:rgb(219, 0, 168) }
```

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

Here you see how a box with a 4 pixel rgb(219, 0, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(219, 0,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 219, 0, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 168) }
```

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

```
.background{ background-color: rgb(219, 0,  
168) }
```

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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