

Converting Colors

`RYB(219, 88, 161)`

Have a look what the booklet for RYB(219, 88, 161) contains.

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Color

R_YB(219, 88, 161)

Conversions

Conversions Part 1

Format	Color
Hex	DB58A1
RGB	219, 88, 161
RGB Percent	86%, 35%, 63%
CMY	0.1412, 0.6549, 0.3686
CMYK	0.00, 0.60, 0.26, 0.14
HSL	327°, 65%, 60%
HSV	327°, 60%, 86%
XYZ	39.1362, 24.6127, 36.4062
YIQ	135.4910, 54.6430, 50.4750

Conversions

Conversions Part 2

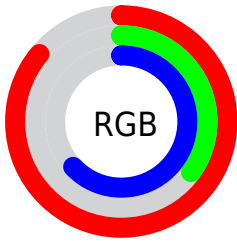
Format	Color
R_{YB}	219, 88, 161
Decimal	14375073
CIE _{Lab}	56.70, 58.63, -13.48
CIE _{LCh}	57, 60.161, 347.055
Yxy	24.6127, 0.3908, 0.2457
Android (android.graphics.Color)	4292565153 (0xFFDB58A1)
YUV	135.4910, 12.5759, 73.2374
Hunter-Lab	49.6112, 53.9914, -8.7810

Details

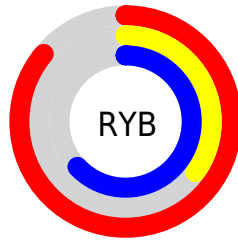
The RYB color **219, 88, 161** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **88, 179, 219**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 144, 216**, and **160, 26, 109** is the 20% darker color. If you saturate the color by 10%, you get **219, 66, 151**, and if you desaturate by 10%, it is **219, 110, 171**.

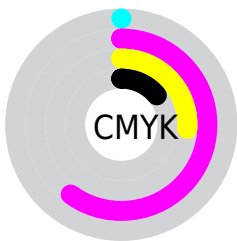
Distribution



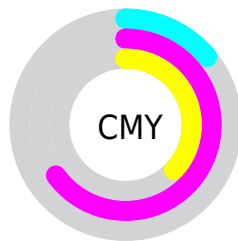
- Red (86%)
- Green (35%)
- Blue (63%)



- Red (86%)
- Yellow (35%)
- Blue (63%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 88, 161 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, 88, 161 by changing the saturation by 10% instead.



219, 88, 161



219, 88, 161

255, 255, 255



189, 59, 135



255, 144, 216



160, 26, 109



255, 172, 244



132, 0, 85



255, 201, 255



104, 0, 62



255, 230, 255



76, 0, 40



51, 0, 19



3, 0, 0



0, 0, 0



219, 88, 161



219, 88, 161

■ 219, 66, 151

■ 219, 110, 171

■ 219, 44, 142

■ 219, 132, 180

■ 219, 22, 132

■ 219, 154, 190

■ 219, 0, 122

■ 219, 176, 200

■ 219, 197, 209

■ 219, 219, 219

■ 219, 234, 241

■ 219, 242, 255

■ 219, 239, 255

Harmonies

Analogous

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



176, 108, 208



219, 88, 161



230, 86, 108

Triad

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



219, 88, 161



17, 143, 26



0, 91, 212

Complementary

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



219, 88, 161



88, 179, 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, 81, 165



219, 88, 161



59, 154, 142

Square

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



219, 88, 161



107, 181, 21



0, 94, 159



0, 91, 238

Rectangle

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



219, 88, 161



223, 99, 76



0, 94, 159



0, 88, 198

Sweetspot

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



219, 88, 161



255, 209, 235



145, 88, 219



128, 99, 115



0, 0, 0



128, 128, 128

Same Dimension

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



219, 88, 161



255, 71, 174



219, 88, 97



110, 99, 105



173, 0, 97



46, 0, 26

Inverse Universe

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



219, 88, 161



255, 71, 174



88, 156, 219



110, 99, 105



173, 0, 97



46, 0, 26

Previews

White Background



This preview shows how the RYB color 219, 88, 161 looks on a white background.

Color Contrast Check

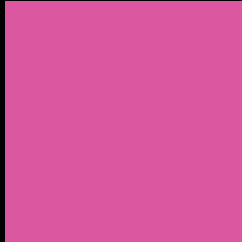
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 219, 88, 161 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](#).

RYB 219, 88, 161 Background



This preview shows how black text looks on a background with the RYB color 219, 88, 161.

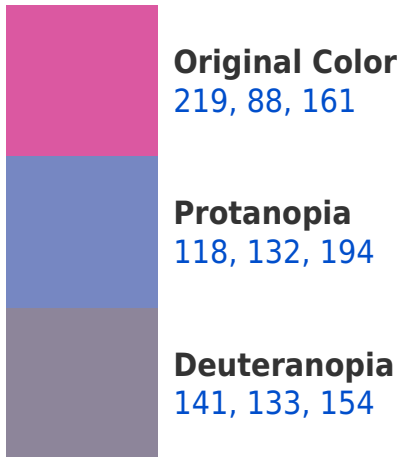


This preview shows how white text looks on a background with the RYB color 219, 88, 161.

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





Tritanopia
214, 100, 107

Trichromacy



Original Color

219, 88, 161



Protanomaly

155, 118, 182



Deuteranomaly

169, 117, 157



Tritanomaly

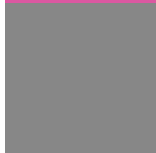
216, 96, 127

Monochromacy



Original Color

219, 88, 161



Achromatopsia

135, 135, 135



Achromatomaly

166, 118, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 88, 161 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, 88, 161) looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 161)  
}
```

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, 88, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 161) }
```

Border

The CSS property to change the border of an element to RYB 219, 88, 161 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, 88, 161) }
```

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

```
.border{ border-color:rgb(219, 88, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 219, 88, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 161) }
```

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

```
.background{ background-color: rgb(219, 88,  
161) }
```

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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