

Converting Colors

`RYB(219, 129, 189)`

Have a look what the booklet for
RYB(219, 129, 189) contains.

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Color

R_YB(219, 129, 189)

Conversions

Conversions Part 1

Format	Color
Hex	DB81BD
RGB	219, 129, 189
RGB Percent	86%, 51%, 74%
CMY	0.1412, 0.4941, 0.2588
CMYK	0.00, 0.41, 0.14, 0.14
HSL	320°, 56%, 68%
HSV	320°, 41%, 86%
XYZ	46.2490, 34.4347, 52.3531
YIQ	162.7500, 34.3800, 37.7400

Conversions

Conversions Part 2

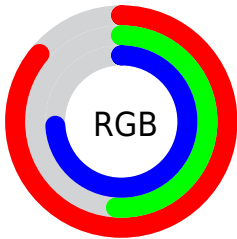
Format	Color
R_{YB}	219, 129, 189
Decimal	14385597
CIE _{Lab}	65.31, 42.81, -16.50
CIE _{LCh}	65, 45.883, 338.923
Yxy	34.4347, 0.3476, 0.2588
Android (android.graphics.Color)	4292575677 (0xFFDB81BD)
YUV	162.7500, 12.9413, 49.3312
Hunter-Lab	58.6811, 37.9913, -11.8196

Details

The RYB color **219, 129, 189** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **129, 197, 219**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 184, 245**, and **162, 77, 136** is the 20% darker color. If you saturate the color by 10%, you get **219, 107, 182**, and if you desaturate by 10%, it is **219, 151, 196**.

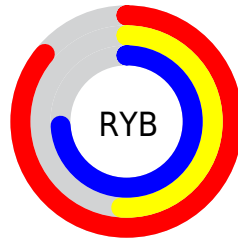
Distribution



Red (86%)

Green (51%)

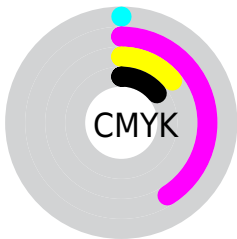
Blue (74%)



Red (86%)

Yellow (51%)

Blue (74%)

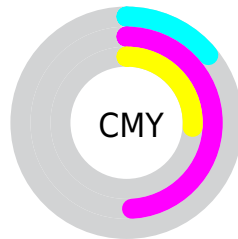


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (14%)



Cyan (14%)

Magenta (49%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 129, 189 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, 129, 189 by changing the saturation by 10% instead.

 219, 129, 189


255, 255, 255

 255, 184, 245

 255, 212, 255

 255, 241, 255

 219, 129, 189

 190, 103, 162

 162, 77, 136

 135, 51, 110

 108, 24, 86


 82, 0, 62

 57, 0, 40

 33, 0, 19

 0, 0, 0

 219, 129, 189

 219, 129, 189

 219, 107, 182

 219, 151, 196

 219, 85, 174

 219, 173, 204

 219, 63, 167


 219, 195, 211

 219, 41, 160

 219, 217, 218

 219, 20, 153

 219, 234, 239

 219, 0, 146

 219, 245, 255

 219, 242, 255

 219, 239, 255

 219, 237, 255

Harmonies

Analogous

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



178, 143, 223



219, 129, 189



236, 124, 148

Triad

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



219, 129, 189



89, 172, 75



0, 96, 209

Complementary

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



219, 129, 189



129, 197, 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, 93, 180



219, 129, 189



92, 171, 136

Square

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



219, 129, 189



201, 207, 82



69, 139, 177



0, 99, 235

Rectangle

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



219, 129, 189



235, 128, 121



69, 139, 177



0, 94, 197

Sweetspot

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



219, 129, 189



255, 224, 245



159, 129, 219



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



219, 129, 189



255, 130, 213



219, 129, 144



110, 99, 106



173, 0, 116



46, 0, 31

Inverse Universe

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



219, 129, 189



255, 130, 213



129, 178, 219



110, 99, 106



173, 0, 116



46, 0, 31

Previews

White Background



This preview shows how the RYB color 219, 129, 189 looks on a white background.

Color Contrast Check

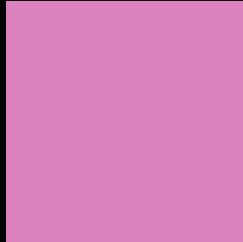
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 219, 129, 189 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](#).

RYB 219, 129, 189 Background



This preview shows how black text looks on a background with the RYB color 219, 129, 189.

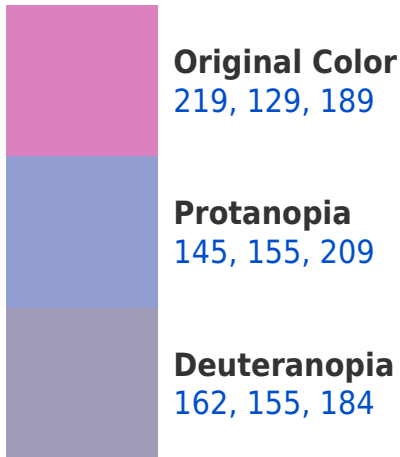


This preview shows how white text looks on a background with the RYB color 219, 129, 189.

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, 137, 148

Trichromacy



Original Color

219, 129, 189



Protanomaly

172, 147, 202



Deuteranomaly

183, 146, 186



Tritanomaly

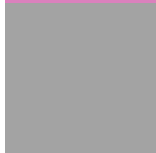
216, 134, 163

Monochromacy



Original Color

219, 129, 189



Achromatopsia

163, 163, 163



Achromatomaly

183, 151, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 129, 189 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, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 129, 189)  
}
```

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, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 129, 189) }
```

Border

The CSS property to change the border of an element to RYB 219, 129, 189 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, 129, 189) }
```

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

```
.border{ border-color:rgb(219, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 129, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 129, 189); box-shadow:4px 4px 4px 4px rgb(219, 129, 189) }
```

Background

The CSS property to change the background color of an element to RGB 219, 129, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 129, 189) }
```

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

```
.background{ background-color: rgb(219,  
129, 189) }
```

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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