

Converting Colors

`RYB(219, 149, 193)`

Have a look what the booklet for RYB(219, 149, 193) contains.

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Color

R_YB(219, 149, 193)

Conversions

Conversions Part 1

Format	Color
Hex	DB95C1
RGB	219, 149, 193
RGB Percent	86%, 58%, 76%
CMY	0.1412, 0.4157, 0.2431
CMYK	0.00, 0.32, 0.12, 0.14
HSL	322°, 49%, 72%
HSV	322°, 32%, 86%
XYZ	49.5865, 40.4052, 55.6376
YIQ	174.9460, 27.5960, 28.5240

Conversions

Conversions Part 2

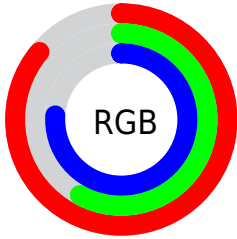
Format	Color
RYB	219, 149, 193
Decimal	14390721
CIELab	69.76, 32.87, -12.04
CIElCh	70, 35.003, 339.886
Yxy	40.4052, 0.3405, 0.2775
Android (android.graphics.Color)	4292580801 (0xFFDB95C1)
YUV	174.9460, 8.9006, 38.6354
Hunter-Lab	63.5651, 28.0072, -7.4001

Details

The RYB color **219, 149, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 200, 219**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 204, 249**, and **163, 97, 139** is the 20% darker color. If you saturate the color by 10%, you get **219, 127, 185**, and if you desaturate by 10%, it is **219, 171, 201**.

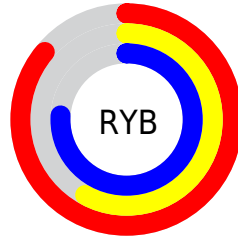
Distribution



Red (86%)

Green (58%)

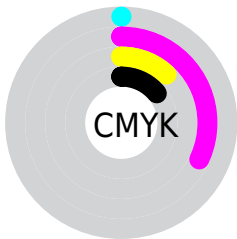
Blue (76%)



Red (86%)

Yellow (58%)

Blue (76%)

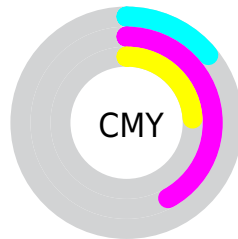


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (14%)



Cyan (14%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 149, 193 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, 149, 193 by changing the saturation by 10% instead.


 219, 149, 193

255, 255, 255


 255, 204, 249


 255, 232, 255

 219, 149, 193

 191, 123, 166

 163, 97, 139

 136, 72, 114


 110, 48, 89

 84, 24, 66

 59, 0, 44

 40, 0, 24


 0, 0, 0

 219, 149, 193

 219, 149, 193

 219, 127, 185

 219, 171, 201

 219, 105, 177

 219, 193, 209

 219, 83, 169

 219, 215, 217

 219, 61, 160


 219, 232, 237

 219, 40, 152

 219, 244, 255

 219, 18, 144

 219, 241, 255

 219, 0, 138

 219, 238, 255

 219, 237, 255

Harmonies

Analogous

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



188, 158, 219



219, 149, 193



233, 146, 161

Triad

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



219, 149, 193



117, 181, 107



53, 125, 210

Complementary

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



219, 149, 193



149, 200, 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.



69, 131, 188



219, 149, 193



121, 181, 155

Square

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



219, 149, 193



208, 210, 111



108, 160, 186



91, 145, 229

Rectangle

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



219, 149, 193



232, 150, 140



108, 160, 186



52, 123, 201

Sweetspot

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



219, 149, 193



255, 230, 246



175, 149, 219



128, 112, 122



0, 0, 0



128, 128, 128

Same Dimension

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



219, 149, 193



255, 158, 219



219, 149, 158



110, 99, 106



173, 0, 109



46, 0, 29

Inverse Universe

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



219, 149, 193



255, 158, 219



149, 186, 219



110, 99, 106



173, 0, 109



46, 0, 29

Previews

White Background



This preview shows how the RYB color 219, 149, 193 looks on a white background.

Color Contrast Check

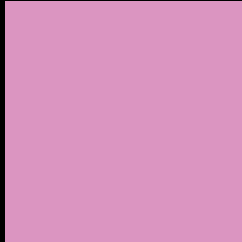
Large Text (above 18pt) WCAG AA × Fail

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, 149, 193 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, 149, 193 Background



This preview shows how black text looks on a background with the RYB color 219, 149, 193.



This preview shows how white text looks on a background with the RYB color 219, 149, 193.

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, 149, 193

Protanopia
163, 168, 206

Deuteranopia
179, 166, 190



Tritanopia
216, 154, 166

Trichromacy



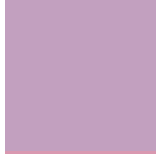
Original Color

219, 149, 193



Protanomaly

183, 162, 201



Deuteranomaly

194, 160, 191



Tritanomaly

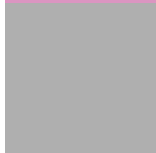
217, 152, 176

Monochromacy



Original Color

219, 149, 193



Achromatopsia

175, 175, 175



Achromatomaly

191, 166, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 149, 193 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, 149, 193) looks like.

```
.text, #text, p{  
    color:rgb(219, 149, 193)  
}
```

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, 149, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 149, 193) }
```

Border

The CSS property to change the border of an element to RYB 219, 149, 193 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, 149, 193) }
```

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

```
.border{ border-color:rgb(219, 149, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 149, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 149, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 149, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 149,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 219, 149, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 149, 193) }
```

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

```
.background{ background-color: rgb(219,  
149, 193) }
```

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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