

Converting Colors

`RYB(193, 149, 255)`

Have a look what the booklet for
RYB(193, 149, 255) contains.

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Color

R_YB(193, 149, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C195FF
RGB	193, 149, 255
RGB Percent	76%, 58%, 100%
CMY	0.2431, 0.4157, 0.0000
CMYK	0.24, 0.42, 0.00, 0.00
HSL	265°, 100%, 79%
HSV	265°, 42%, 100%
XYZ	50.7898, 40.0523, 99.6617
YIQ	174.2400, -7.8020, 42.2940

Conversions

Conversions Part 2

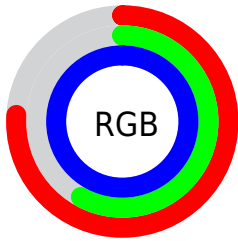
Format	Color
R _Y B	193, 149, 255
Decimal	12686847
CIE Lab	69.51, 37.18, -46.76
CIE LCh	70, 59.739, 308.487
Yxy	40.0523, 0.2666, 0.2102
Android (android.graphics.Color)	4290876927 (0xFFC195FF)
YUV	174.2400, 39.8147, 16.4525
Hunter-Lab	63.2869, 32.4998, -49.0667

Details

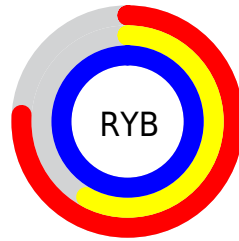
The RYB color **193, 149, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **149, 255, 193**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **251, 204, 255**, and **137, 97, 198** is the 20% darker color. If you saturate the color by 10%, you get **178, 124, 255**, and if you desaturate by 10%, it is **208, 175, 255**.

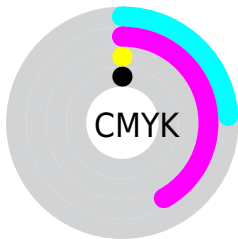
Distribution



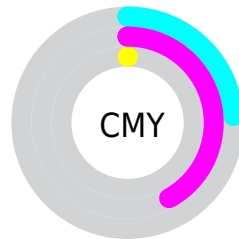
- Red (76%)
- Green (58%)
- Blue (100%)



- Red (76%)
- Yellow (58%)
- Blue (100%)



- Cyan (24%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 149, 255 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 193, 149, 255 by changing the saturation by 10% instead.

 193, 149, 255

255, 255, 255

 251, 204, 255

 255, 232, 255

 193, 149, 255

 165, 123, 226

 137, 97, 198

 110, 73, 170

 83, 49, 143

 56, 26, 117

 28, 2, 92


 3, 0, 68


 0, 3, 44


 0, 1, 23

 193, 149, 255


 193, 149, 255

 178, 124, 255

 208, 175, 255

 163, 98, 255

 223, 200, 255

 148, 73, 255

 238, 226, 255

 133, 47, 255

 253, 251, 255

 118, 22, 255

255, 255, 255

 106, 0, 255

Harmonies

Analogous

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



94, 146, 255



193, 149, 255



248, 128, 211

Triad

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



193, 149, 255



214, 231, 66



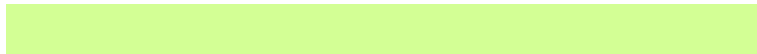
0, 101, 196

Complementary

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



193, 149, 255



149, 255, 193

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.



17, 126, 194



193, 149, 255



68, 185, 54

Square

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



193, 149, 255



255, 138, 105



80, 186, 139



0, 106, 236

Rectangle

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



193, 149, 255



255, 121, 175



80, 186, 139



0, 106, 196

Sweetspot

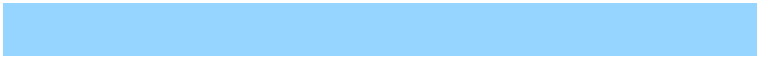
The Sweet Spot groups the original color and five complimentary colors.



193, 149, 255



237, 224, 255



149, 189, 255



117, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 149, 255



180, 128, 255



244, 149, 255



120, 115, 128



79, 0, 191



26, 0, 64

Inverse Universe

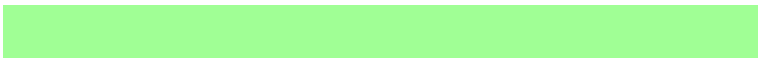
The Inverse Universe completely reimagines the original color for something new.



255, 149, 211



255, 128, 202



149, 255, 244



128, 115, 122



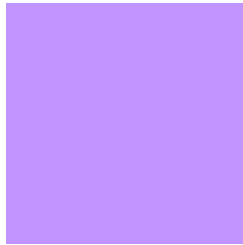
191, 0, 112



64, 0, 37

Previews

White Background



This preview shows how the RYB color 193, 149, 255 looks on a white background.

Color Contrast Check

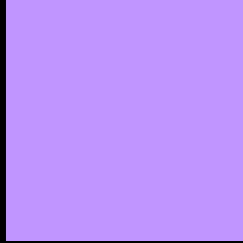
Large Text (above 18pt) WCAG AA × Fail

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 193, 149, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

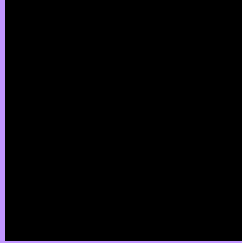
Any Text WCAG AA ✓ Pass

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 193, 149, 255 Background



This preview shows how black text looks on a background with the RYB color 193, 149, 255.



This preview shows how white text looks on a background with the RYB color 193, 149, 255.

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
179, 166, 179

Trichromacy



Original Color

193, 149, 255



Protanomaly

159, 160, 255



Deuteranomaly

156, 162, 252



Tritanomaly

184, 160, 207

Monochromacy



Original Color

193, 149, 255



Achromatopsia

174, 174, 174



Achromatomaly

181, 165, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 149, 255 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(193, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 255)  
}
```

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(193, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 255) }
```

Border

The CSS property to change the border of an element to RYB 193, 149, 255 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(193, 149, 255) }
```

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

```
.border{ border-color:rgb(193, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 149,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 193, 149, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 255) }
```

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

```
.background{ background-color: rgb(193,  
149, 255) }
```

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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