

Converting Colors

`RYB(194, 147, 180)`

Have a look what the booklet for RYB(194, 147, 180) contains.

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Color

$\text{RYB}(194, 147, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	C293B4
RGB	194, 147, 180
RGB Percent	76%, 58%, 71%
CMY	0.2392, 0.4235, 0.2941
CMYK	0.00, 0.24, 0.07, 0.24
HSL	318°, 28%, 67%
HSV	318°, 24%, 76%
XYZ	40.9201, 35.6321, 47.9010
YIQ	164.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

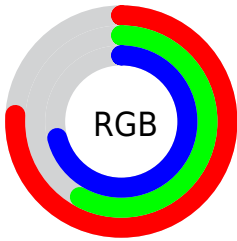
Format	Color
RYB	194, 147, 180
Decimal	12751796
CIELab	66.24, 23.07, -10.32
CIELCh	66, 25.275, 335.900
Yxy	35.6321, 0.3288, 0.2863
Android (android.graphics.Color)	4290941876 (0xFFC293B4)
YUV	164.8150, 7.4862, 25.5952
Hunter-Lab	59.6926, 17.9021, -5.7931

Details

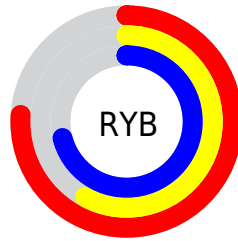
The RYB color **194, 147, 180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 183, 194**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **251, 201, 236**, and **140, 96, 127** is the 20% darker color. If you saturate the color by 10%, you get **194, 128, 174**, and if you desaturate by 10%, it is **194, 166, 186**.

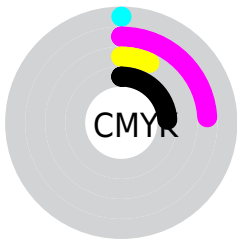
Distribution



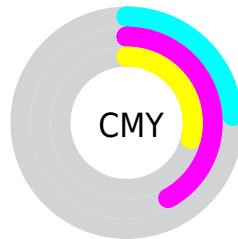
- Red (76%)
- Green (58%)
- Blue (71%)



- Red (76%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (24%)




- Cyan (24%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 147, 180 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 194, 147, 180 by changing the saturation by 10% instead.


 194, 147, 180


255, 255, 255

 251, 201, 236

 255, 230, 255

 194, 147, 180

 167, 121, 153

 140, 96, 127

 114, 72, 102


 89, 49, 78


 65, 26, 55


 42, 4, 34

 13, 0, 10

 0, 0, 0

 194, 147, 180

 194, 147, 180

 194, 128, 174

 194, 166, 186

 194, 108, 168

 194, 186, 192

 194, 89, 163

 194, 203, 205

 194, 69, 157

 194, 218, 225

 194, 50, 151

 194, 232, 244

 194, 31, 145

 194, 239, 255

 194, 11, 140

 194, 237, 255

 194, 0, 136

 194, 234, 255

 194, 232, 255

Harmonies

Analogous

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



170, 154, 198



194, 147, 180



206, 144, 157

Triad

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



194, 147, 180



131, 173, 116



93, 136, 187

Complementary

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



194, 147, 180



147, 183, 194

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.



100, 139, 174



194, 147, 180



124, 168, 144

Square

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



194, 147, 180



193, 180, 120



122, 158, 172



109, 145, 202

Rectangle

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



194, 147, 180



207, 146, 142



122, 158, 172



93, 135, 180

Sweetspot

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



194, 147, 180



252, 235, 247



160, 147, 194



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



194, 147, 180



252, 179, 231



194, 147, 157



97, 87, 94



161, 0, 113



33, 0, 23

Inverse Universe

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



194, 147, 180



252, 179, 231



147, 173, 194



97, 87, 94



161, 0, 113



33, 0, 23

Previews

White Background



This preview shows how the RYB color 194, 147, 180 looks on a white background.

Color Contrast Check

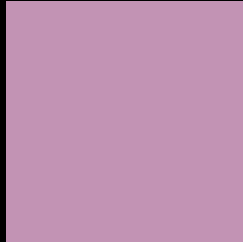
Large Text (above 18pt) WCAG AA × Fail

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 194, 147, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

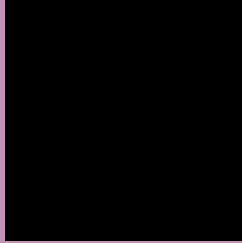
Any Text WCAG AA ✓ Pass

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 194, 147, 180 Background



This preview shows how black text looks on a background with the RYB color 194, 147, 180.

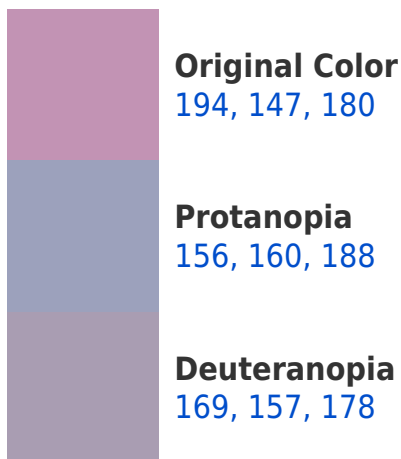


This preview shows how white text looks on a background with the RYB color 194, 147, 180.

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
192, 150, 162

Trichromacy



Original Color
194, 147, 180

Protanomaly
170, 155, 185

Deuteranomaly
178, 153, 179

Tritanomaly
193, 149, 169

Monochromacy



Original Color
194, 147, 180

Achromatopsia
165, 165, 165

Achromatomaly
176, 158, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 147, 180 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(194, 147, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 180)  
}
```

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(194, 147, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 180) }
```

Border

The CSS property to change the border of an element to RYB 194, 147, 180 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(194, 147, 180) }
```

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

```
.border{ border-color:rgb(194, 147, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 147, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 194, 147, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 180) }
```

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

```
.background{ background-color: rgb(194,  
147, 180) }
```

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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