

Converting Colors

`RYB(193, 140, 199)`

Have a look what the booklet for RYB(193, 140, 199) contains.

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Color

R_YB(193, 140, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C18CC7
RGB	193, 140, 199
RGB Percent	76%, 55%, 78%
CMY	0.2431, 0.4510, 0.2196
CMYK	0.03, 0.30, 0.00, 0.22
HSL	294°, 35%, 66%
HSV	294°, 30%, 78%
XYZ	41.6792, 34.2171, 58.4407
YIQ	162.5730, 12.6490, 29.5850

Conversions

Conversions Part 2

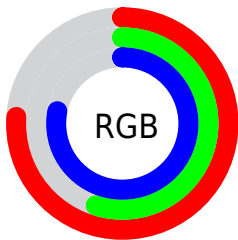
Format	Color
RYB	193, 140, 199
Decimal	12684487
CIELab	65.13, 30.15, -22.65
CIELCh	65, 37.707, 323.085
Yxy	34.2171, 0.3103, 0.2547
Android (android.graphics.Color)	4290874567 (0xFFC18CC7)
YUV	162.5730, 17.9585, 26.6845
Hunter-Lab	58.4954, 24.8180, -18.2877

Details

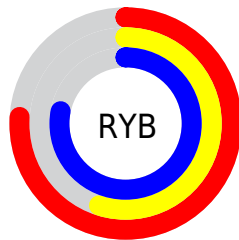
The RYB color **193, 140, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **140, 199, 193**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **250, 194, 255**, and **139, 89, 145** is the 20% darker color. If you saturate the color by 10%, you get **191, 120, 199**, and if you desaturate by 10%, it is **195, 160, 199**.

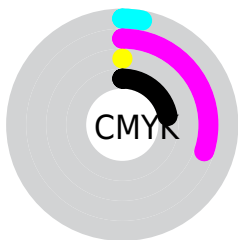
Distribution



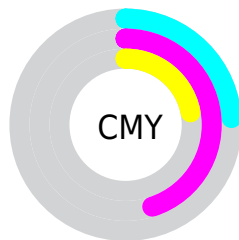
- Red (76%)
- Green (55%)
- Blue (78%)



- Red (76%)
- Yellow (55%)
- Blue (78%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (45%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 140, 199 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, 140, 199 by changing the saturation by 10% instead.

 193, 140, 199

255, 255, 255

 250, 194, 255

 255, 222, 255

 255, 251, 255

 193, 140, 199

 165, 114, 172

 139, 89, 145

 112, 65, 119


 87, 41, 94

 63, 18, 70


 40, 0, 48

 8, 0, 27


 0, 0, 0

 193, 140, 199

 193, 140, 199

 191, 120, 199


 195, 160, 199

 189, 100, 199

 197, 180, 199

 187, 80, 199


 199, 200, 200

 185, 60, 199

 199, 220, 218

 183, 41, 199

 199, 240, 236

 181, 21, 199

 199, 255, 249

 179, 1, 199

 199, 255, 247

 179, 0, 199

 199, 255, 245

 199, 255, 243

Harmonies

Analogous

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



150, 152, 220



193, 140, 199



218, 132, 167

Triad

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



193, 140, 199



144, 187, 91



0, 90, 183

Complementary

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



193, 140, 199



140, 199, 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.



67, 129, 176



193, 140, 199



95, 164, 106

Square

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



193, 140, 199



212, 162, 105



114, 170, 172



8, 99, 211

Rectangle

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



193, 140, 199



224, 132, 144



114, 170, 172



21, 100, 176

Sweetspot

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



193, 140, 199



253, 232, 255



140, 146, 199



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 140, 199



246, 163, 255



199, 140, 176



98, 90, 99



147, 0, 163



32, 0, 36

Inverse Universe

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



199, 140, 146



255, 163, 173



140, 182, 199



99, 90, 91



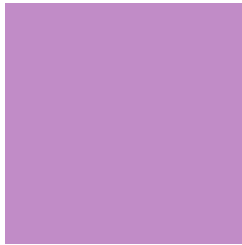
163, 0, 17



36, 0, 4

Previews

White Background



This preview shows how the RYB color 193, 140, 199 looks on a white background.

Color Contrast Check

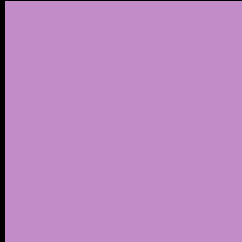
Large Text (above 18pt) WCAG AA × Fail

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, 140, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

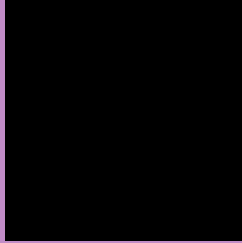
Any Text WCAG AA ✓ Pass

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, 140, 199 Background



This preview shows how black text looks on a background with the RYB color 193, 140, 199.

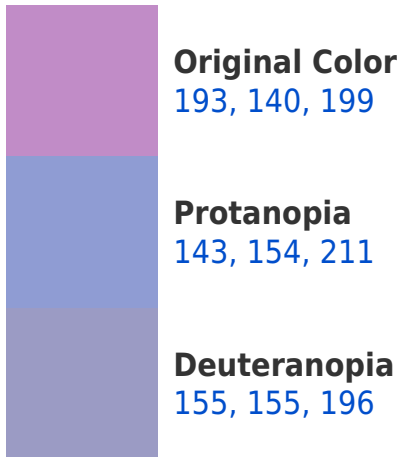


This preview shows how white text looks on a background with the RYB color 193, 140, 199.

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
187, 148, 159

Trichromacy



Original Color
193, 140, 199

Protanomaly
161, 150, 207

Deuteranomaly
169, 150, 197

Tritanomaly
189, 145, 174

Monochromacy



Original Color
193, 140, 199

Achromatopsia
163, 163, 163

Achromatomaly
174, 155, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 140, 199 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, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 199)  
}
```

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, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 199) }
```

Border

The CSS property to change the border of an element to RYB 193, 140, 199 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, 140, 199) }
```

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

```
.border{ border-color:rgb(193, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 193, 140, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 140, 199) }
```

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

```
.background{ background-color: rgb(193,  
140, 199) }
```

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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