

Converting Colors

`RYB(194, 125, 198)`

Have a look what the booklet for
RYB(194, 125, 198) contains.

RYB(194, 125, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(194, 125, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C27DC6
RGB	194, 125, 198
RGB Percent	76%, 49%, 78%
CMY	0.2392, 0.5098, 0.2235
CMYK	0.02, 0.37, 0.00, 0.22
HSL	297°, 39%, 63%
HSV	297°, 37%, 78%
XYZ	39.7748, 30.2138, 57.1616
YIQ	153.9530, 17.6910, 37.3310

Conversions

Conversions Part 2

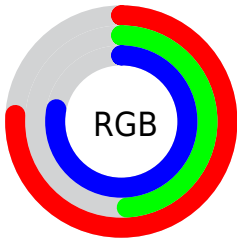
Format	Color
RYB	194, 125, 198
Decimal	12746182
CIELab	61.84, 38.48, -27.14
CIELCh	62, 47.087, 324.808
Yxy	30.2138, 0.3128, 0.2376
Android (android.graphics.Color)	4290936262 (0xFFC27DC6)
YUV	153.9530, 21.7152, 35.1212
Hunter-Lab	54.9671, 32.9723, -23.1801

Details

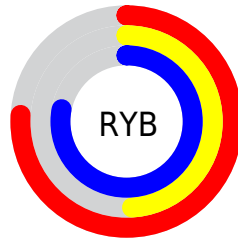
The RYB color **194, 125, 198** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **125, 198, 194**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **252, 179, 255**, and **139, 74, 144** is the 20% darker color. If you saturate the color by 10%, you get **193, 105, 198**, and if you desaturate by 10%, it is **195, 145, 198**.

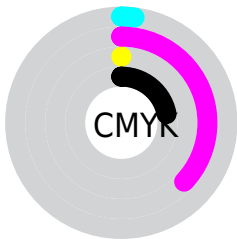
Distribution



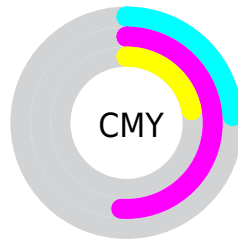
- Red (76%)
- Green (49%)
- Blue (78%)



- Red (76%)
- Yellow (49%)
- Blue (78%)



- Cyan (2%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)




- Cyan (24%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 125, 198 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, 125, 198 by changing the saturation by 10% instead.


 194, 125, 198

255, 255, 255

 252, 179, 255

 255, 207, 255

 255, 235, 255

 194, 125, 198

 166, 99, 171

 139, 74, 144

 113, 49, 118


 87, 24, 93

 62, 0, 69

 40, 0, 47

 0, 0, 25

 0, 0, 0


 194, 125, 198


 194, 125, 198

 193, 105, 198


 195, 145, 198

 192, 85, 198

 196, 165, 198

 191, 66, 198

 197, 184, 198

 190, 46, 198

 198, 204, 204

 189, 26, 198

 198, 224, 223

 187, 6, 198

 198, 244, 241

 187, 0, 198

 198, 255, 251

 198, 255, 250

 198, 255, 249

Harmonies

Analogous

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



141, 141, 225



194, 125, 198



222, 114, 158

Triad

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



194, 125, 198



114, 180, 64



0, 88, 183

Complementary

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



194, 125, 198



125, 198, 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.



0, 93, 170



194, 125, 198



70, 157, 88

Square

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



194, 125, 198



211, 156, 82



88, 156, 166



0, 94, 217

Rectangle

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



194, 125, 198



228, 114, 130



88, 156, 166



0, 86, 171

Sweetspot

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



194, 125, 198



253, 227, 255



125, 130, 198



127, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 125, 198



249, 143, 255



198, 125, 166



99, 90, 99



154, 0, 163



34, 0, 36

Inverse Universe

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



198, 125, 129



255, 143, 149



125, 176, 198



99, 90, 90



163, 0, 9



36, 0, 2

Previews

White Background



This preview shows how the RYB color 194, 125, 198 looks on a white background.

Color Contrast Check

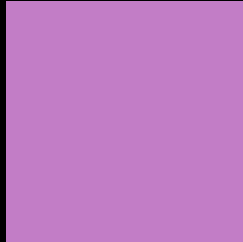
Large Text (above 18pt) WCAG AA × Fail

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, 125, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

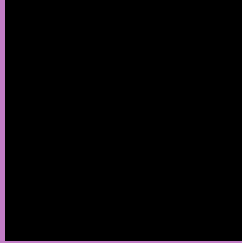
Any Text WCAG AA ✓ Pass

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, 125, 198 Background



This preview shows how black text looks on a background with the RYB color 194, 125, 198.

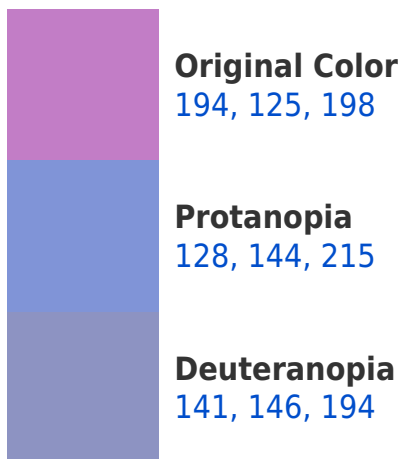



This preview shows how white text looks on a background with the RYB color 194, 125, 198.

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, 136, 146

Trichromacy



Original Color

194, 125, 198



Protanomaly

152, 139, 209



Deuteranomaly

160, 139, 195



Tritanomaly

190, 132, 165

Monochromacy



Original Color

194, 125, 198



Achromatopsia

154, 154, 154



Achromatomaly

169, 143, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 125, 198 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, 125, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 198)  
}
```

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, 125, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 198) }
```

Border

The CSS property to change the border of an element to RYB 194, 125, 198 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, 125, 198) }
```

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

```
.border{ border-color:rgb(194, 125, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 125, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 194, 125, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 198) }
```

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

```
.background{ background-color: rgb(194,  
125, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor