

Converting Colors

RGB(194, 137, 226)

Have a look what the booklet for
RGB(194, 137, 226) contains.

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Color

RGB(194, 137, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C289E2
RGB	194, 137, 226
RGB Percent	76%, 54%, 89%
CMY	0.2392, 0.4627, 0.1137
CMYK	0.14, 0.39, 0.00, 0.11
HSL	278°, 61%, 71%
HSV	278°, 39%, 89%
XYZ	44.9213, 34.8516, 76.3109
YIQ	164.1890, 5.4030, 39.7630

Conversions

Conversions Part 2

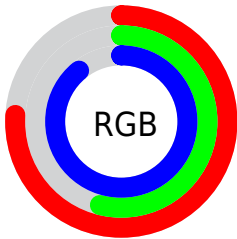
Format	Color
RYB	194, 137, 226
Decimal	12749282
CIELab	65.63, 37.60, -36.91
CIELCh	66, 52.689, 315.537
Yxy	34.8516, 0.2878, 0.2233
Android (android.graphics.Color)	4290939362 (0xFFC289E2)
YUV	164.1890, 30.4728, 26.1442
Hunter-Lab	59.0353, 32.5129, -35.3155

Details

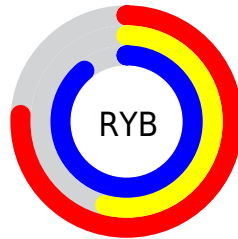
The RGB color **194, 137, 226** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **169, 226, 137**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **252, 191, 255**, and **139, 86, 170** is the 20% darker color. If you saturate the color by 10%, you get **186, 114, 226**, and if you desaturate by 10%, it is **202, 160, 226**.

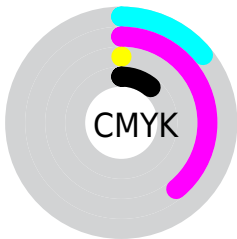
Distribution



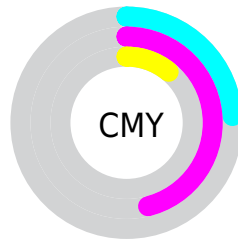
- Red (76%)
- Green (54%)
- Blue (89%)



- Red (76%)
- Yellow (54%)
- Blue (89%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)




- Cyan (24%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 137, 226 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 RGB color 194, 137, 226 by changing the saturation by 10% instead.

 194, 137, 226


255, 255, 255

 252, 191, 255

 255, 219, 255

 255, 248, 255


 194, 137, 226

 166, 111, 198

 139, 86, 170

 112, 61, 143

 86, 37, 118

 61, 12, 92

 36, 0, 68

 8, 0, 46

 0, 1, 24

 0, 0, 0

194, 137, 226

194, 137, 226

186, 114, 226

202, 160, 226

178, 92, 226

210, 182, 226

170, 69, 226

218, 205, 226

161, 47, 226

227, 227, 226

153, 24, 226

235, 250, 226

145, 1, 226

243, 255, 226

145, 0, 226

251, 255, 226

255, 255, 226

Harmonies

Analogous

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



122, 156, 250



194, 137, 226



235, 121, 184

Triad

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



194, 137, 226



205, 149, 65



0, 183, 183

Complementary

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



194, 137, 226



169, 226, 137

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, 181, 134



194, 137, 226



163, 165, 63

Square

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



194, 137, 226



236, 131, 94



109, 175, 90



0, 180, 226

Rectangle

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



194, 137, 226



246, 118, 152



109, 175, 90



0, 183, 167

Sweetspot

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



194, 137, 226



244, 224, 255



137, 170, 226



121, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 137, 226



212, 135, 255



226, 137, 214



108, 101, 112



113, 0, 176



31, 0, 48

Inverse Universe

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



226, 137, 169



255, 135, 178



137, 226, 149



112, 101, 105



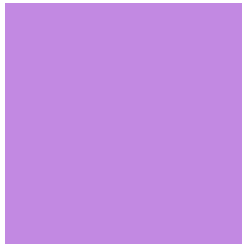
176, 0, 63



48, 0, 17

Previews

White Background



This preview shows how the RGB color 194, 137, 226 looks on a white background.

Color Contrast Check

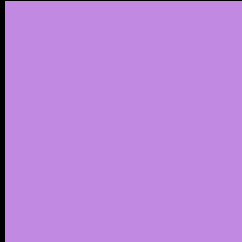
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 194, 137, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

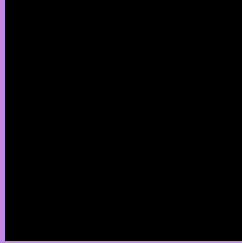
Any Text WCAG AA ✓ Pass

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](#).

RGB 194, 137, 226 Background



This preview shows how black text looks on a background with the RGB color 194, 137, 226.

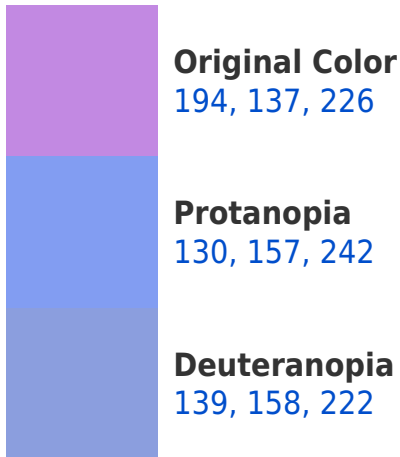



This preview shows how white text looks on a background with the RGB color 194, 137, 226.

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
184, 151, 162

Trichromacy



Original Color

194, 137, 226



Protanomaly

153, 150, 236



Deuteranomaly

159, 150, 223



Tritanomaly

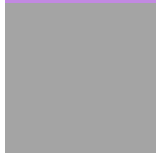
188, 146, 185

Monochromacy



Original Color

194, 137, 226



Achromatopsia

164, 164, 164



Achromatomaly

175, 154, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 137, 226 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, 137, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 137, 226)  
}
```

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, 137, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 137, 226) }
```

Border

The CSS property to change the border of an element to RGB 194, 137, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

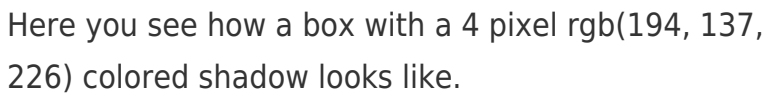
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 137, 226) }
```

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

```
.border{ border-color:rgb(194, 137, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 137, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 137, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 137, 226); box-shadow:4px 4px 4px 4px rgb(194, 137, 226) }
```

Background

The CSS property to change the background color of an element to RGB 194, 137, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 137, 226) }
```

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

```
.background{ background-color: rgb(194,  
137, 226) }
```

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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