

Converting Colors

`RYB(206, 193, 226)`

Have a look what the booklet for RYB(206, 193, 226) contains.

| | |
|--|----|
| RYB(206, 193, 226) | 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(206, 193, 226)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CEC1E2 |
| RGB | 206, 193, 226 |
| RGB Percent | 81%, 76%, 89% |
| CMY | 0.1922, 0.2431, 0.1137 |
| CMYK | 0.09, 0.15, 0.00, 0.11 |
| HSL | 264°, 36%, 82% |
| HSV | 264°, 15%, 89% |
| XYZ | 58.2510, 56.7527, 79.8357 |
| YIQ | 200.6490, -2.8450, 13.0190 |

Conversions

Conversions Part 2

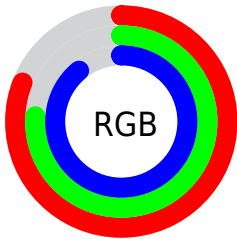
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 206, 193, 226 |
| Decimal | 13550050 |
| CIE _{Lab} | 80.04, 10.74, -14.76 |
| CIE _{LCh} | 80, 18.256, 306.047 |
| Yxy | 56.7527, 0.2990, 0.2913 |
| Android (android.graphics.Color) | 4291740130 (0xFFCEC1E2) |
| YUV | 200.6490, 12.4980, 4.6928 |
| Hunter-Lab | 75.3344, 6.1868, -10.0986 |

Details

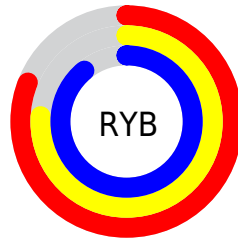
The RYB color **206, 193, 226** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **193, 226, 206**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 249, 255, and **152, 139, 171** is the 20% darker color. If you saturate the color by 10%, you get **192, 170, 226**, and if you desaturate by 10%, it is **220, 216, 226**.

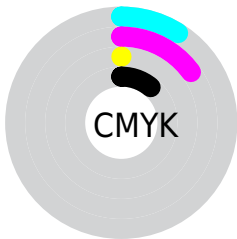
Distribution



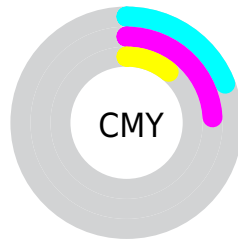
- Red (81%)
- Green (76%)
- Blue (89%)



- Red (81%)
- Yellow (76%)
- Blue (89%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 193, 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 RYB color 206, 193, 226 by changing the saturation by 10% instead.

 206, 193, 226

255, 255, 255


 255, 249, 255

 206, 193, 226


 178, 166, 198


 152, 139, 171


 126, 114, 144

 100, 89, 118

 76, 66, 94

 53, 44, 70

 31, 23, 48

 11, 0, 27

 0, 0, 0

■ 206, 193, 226

■ 206, 193, 226

■ 192, 170, 226

■ 220, 216, 226

■ 179, 148, 226

■ 226, 238, 231

■ 165, 125, 226

■ 226, 255, 234

■ 151, 103, 226

■ 226, 255, 226

■ 138, 80, 226

■ 124, 57, 226

■ 110, 35, 226

■ 96, 12, 226

■ 89, 0, 226

Harmonies

Analogous

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



184, 195, 232



206, 193, 226



224, 188, 213

Triad

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



206, 193, 226



224, 213, 168



157, 185, 209

Complementary

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



206, 193, 226



193, 226, 206

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.



170, 197, 207



206, 193, 226



178, 208, 165

Square

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



206, 193, 226



233, 190, 179



171, 204, 186



154, 183, 218

Rectangle

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



206, 193, 226



231, 187, 201



171, 204, 186



160, 188, 208

Sweetspot

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



206, 193, 226



249, 245, 255



193, 205, 226



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 193, 226



227, 209, 255



222, 193, 226



105, 101, 112



69, 0, 176



19, 0, 48

Inverse Universe

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



226, 193, 213



255, 209, 237



193, 226, 222



112, 101, 108



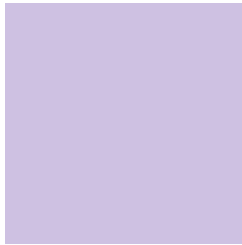
176, 0, 107



48, 0, 29

Previews

White Background



This preview shows how the RYB color 206, 193, 226 looks on a white background.

Color Contrast Check

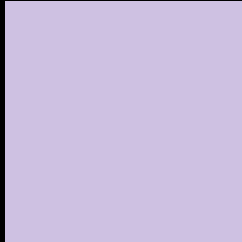
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 206, 193, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

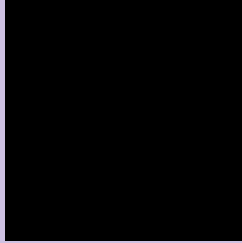
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

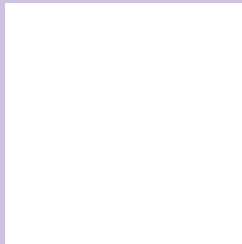
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 206, 193, 226 Background



This preview shows how black text looks on a background with the RYB color 206, 193, 226.



This preview shows how white text looks on a background with the RYB color 206, 193, 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



Original Color
206, 193, 226

Protanopia
193, 197, 229

Deuteranopia
205, 193, 226



Tritanopia
204, 196, 211

Trichromacy



Original Color
206, 193, 226

Protanomaly
198, 196, 228

Deuteranomaly
205, 193, 226

Tritanomaly
205, 195, 216

Monochromacy



Original Color
206, 193, 226

Achromatopsia
201, 201, 201

Achromatomaly
203, 198, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 193, 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(206, 193, 226) looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 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(206, 193, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 226) }
```

Border

The CSS property to change the border of an element to RYB 206, 193, 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(206, 193, 226) }
```

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

```
.border{ border-color:rgb(206, 193, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 206, 193, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 226) }
```

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

```
.background{ background-color: rgb(206,  
193, 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](#).

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