

Converting Colors

`RYB(193, 126, 185)`

Have a look what the booklet for RYB(193, 126, 185) contains.

RYB(193, 126, 185)	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(193, 126, 185)

Conversions

Conversions Part 1

Format	Color
Hex	C17EB9
RGB	193, 126, 185
RGB Percent	76%, 49%, 73%
CMY	0.2431, 0.5059, 0.2745
CMYK	0.00, 0.35, 0.04, 0.24
HSL	307°, 35%, 63%
HSV	307°, 35%, 76%
XYZ	38.2101, 29.7619, 49.6297
YIQ	152.7590, 20.9930, 32.5530

Conversions

Conversions Part 2

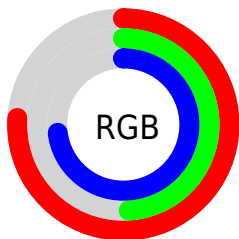
Format	Color
R _Y B	193, 126, 185
Decimal	12680889
CIE Lab	61.45, 35.19, -20.39
CIE LCh	61, 40.670, 329.916
Yxy	29.7619, 0.3249, 0.2531
Android (android.graphics.Color)	4290870969 (0xFFC17EB9)
YUV	152.7590, 15.8948, 35.2914
Hunter-Lab	54.5545, 29.5515, -15.7495

Details

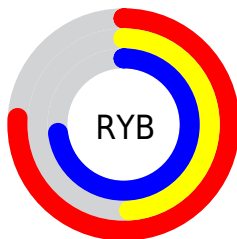
The RYB color **193, 126, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **126, 186, 193**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **250, 180, 241**, and **138, 75, 132** is the 20% darker color. If you saturate the color by 10%, you get **193, 107, 183**, and if you desaturate by 10%, it is **193, 145, 187**.

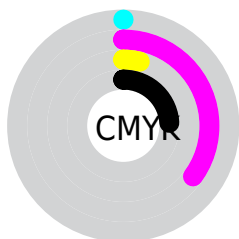
Distribution



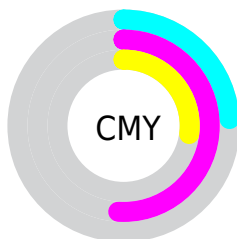
- Red (76%)
- Green (49%)
- Blue (73%)



- Red (76%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 126, 185 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, 126, 185 by changing the saturation by 10% instead.

 193, 126, 185


255, 255, 255

 250, 180, 241

 255, 208, 255


 255, 236, 255

 193, 126, 185

 165, 100, 158

 138, 75, 132

 112, 51, 106

 86, 26, 82

 62, 0, 59

 41, 0, 37

 0, 1, 13

 0, 0, 0

 193, 126, 185

 193, 126, 185

■ 193, 107, 183

■ 193, 145, 187

■ 193, 87, 180

■ 193, 165, 190

■ 193, 68, 178

■ 193, 184, 192

■ 193, 49, 176

■ 193, 202, 203

■ 193, 30, 173

■ 193, 219, 223

■ 193, 10, 171

■ 193, 237, 242

■ 193, 0, 170

■ 193, 248, 255

■ 193, 246, 255

■ 193, 244, 255

Harmonies

Analogous

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



151, 139, 211



193, 126, 185



214, 119, 150

Triad

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



193, 126, 185



109, 171, 75



0, 87, 183

Complementary

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



193, 126, 185



126, 186, 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.



6, 92, 167



193, 126, 185



84, 157, 107

Square

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



193, 126, 185



199, 165, 87



89, 147, 164



0, 91, 210

Rectangle

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



193, 126, 185



217, 120, 126



89, 147, 164



0, 85, 172

Sweetspot

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



193, 126, 185



250, 225, 247



134, 126, 193



125, 110, 123



252, 252, 252



125, 125, 125

Same Dimension

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



193, 126, 185



250, 145, 237



193, 126, 152



97, 87, 96



161, 0, 141



33, 0, 29

Inverse Universe

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



193, 126, 185



250, 145, 237



126, 168, 193



97, 87, 96



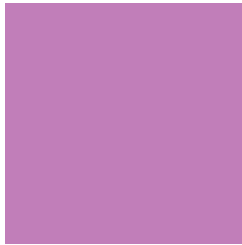
161, 0, 141



33, 0, 29

Previews

White Background



This preview shows how the RYB color 193, 126, 185 looks on a white background.

Color Contrast Check

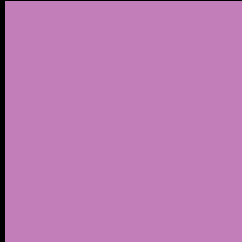
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

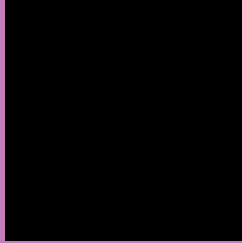
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 193, 126, 185 Background



This preview shows how black text looks on a background with the RYB color 193, 126, 185.

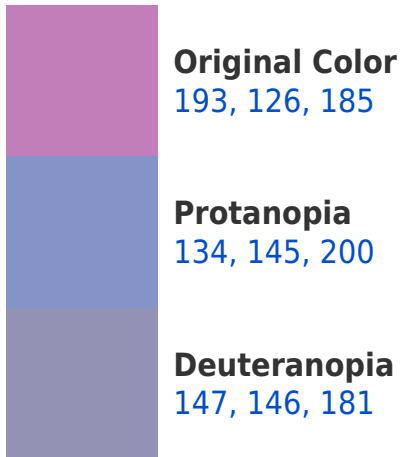


This preview shows how white text looks on a background with the RYB color 193, 126, 185.

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](#).

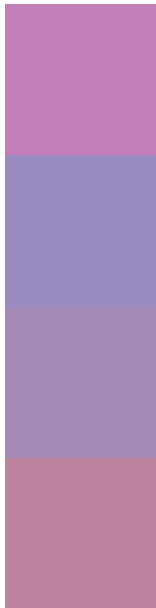
Dichromacy





Tritanopia
188, 134, 144

Trichromacy



Original Color
193, 126, 185

Protanomaly
155, 139, 195

Deuteranomaly
164, 139, 182

Tritanomaly
190, 131, 159

Monochromacy



Original Color
193, 126, 185

Achromatopsia
153, 153, 153

Achromatomaly
168, 143, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 126, 185 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, 126, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 185)  
}
```

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, 126, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 185) }
```

Border

The CSS property to change the border of an element to RYB 193, 126, 185 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, 126, 185) }
```

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

```
.border{ border-color:rgb(193, 126, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 126, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 185);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 193, 126, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 185) }
```

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

```
.background{ background-color: rgb(193,  
126, 185) }
```

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