

Converting Colors

`RYB(173, 124, 186)`

Have a look what the booklet for
RYB(173, 124, 186) contains.

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Color

R_YB(173, 124, 186)

Conversions

Conversions Part 1

Format	Color
Hex	AD7CBA
RGB	173, 124, 186
RGB Percent	68%, 49%, 73%
CMY	0.3216, 0.5137, 0.2706
CMYK	0.07, 0.33, 0.00, 0.27
HSL	287°, 31%, 61%
HSV	287°, 33%, 73%
XYZ	33.3042, 26.8447, 49.8806
YIQ	145.7190, 9.3020, 29.6700

Conversions

Conversions Part 2

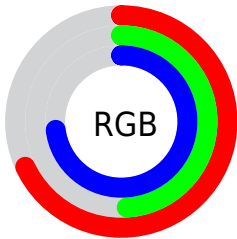
Format	Color
RYB	173, 124, 186
Decimal	11369658
CIELab	58.83, 29.95, -25.16
CIELCh	59, 39.118, 319.971
Yxy	26.8447, 0.3027, 0.2440
Android (android.graphics.Color)	4289559738 (0xFFAD7CBA)
YUV	145.7190, 19.8585, 23.9254
Hunter-Lab	51.8119, 24.0672, -20.8117

Details

The RYB color **173, 124, 186** is a light color, and the websafe version is hex **996699**. A complement of this color would be **124, 186, 173**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **229, 177, 242**, and **120, 74, 133** is the 20% darker color. If you saturate the color by 10%, you get **169, 105, 186**, and if you desaturate by 10%, it is **177, 143, 186**.

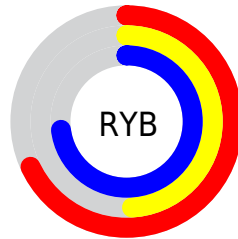
Distribution



Red (68%)

Green (49%)

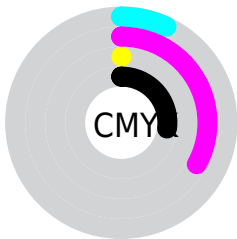
Blue (73%)



Red (68%)

Yellow (49%)

Blue (73%)

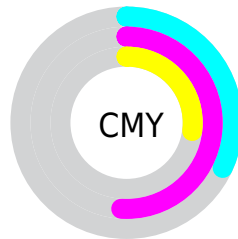


Cyan (7%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 124, 186 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 173, 124, 186 by changing the saturation by 10% instead.

 173, 124, 186

255, 255, 255

 229, 177, 242

 255, 205, 255

 255, 233, 255

 173, 124, 186

 146, 99, 159

 120, 74, 133

 94, 50, 107

 69, 27, 83

 46, 4, 59

 27, 0, 38

 0, 1, 14

 0, 0, 0


 173, 124, 186


 173, 124, 186

 169, 105, 186

 177, 143, 186

 165, 87, 186

 181, 161, 186

 161, 68, 186


 185, 180, 186

 157, 50, 186

 186, 198, 195

 154, 31, 186

 186, 217, 210

 150, 12, 186

 186, 236, 226

 147, 0, 186

 186, 254, 240

 186, 255, 237

 186, 255, 233

Harmonies

Analogous

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



127, 136, 206



173, 124, 186



200, 115, 155

Triad

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



173, 124, 186



132, 173, 73



0, 81, 164

Complementary

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



173, 124, 186



124, 186, 173

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.



47, 112, 159



173, 124, 186



75, 147, 82

Square

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



173, 124, 186



197, 138, 90



96, 154, 150



0, 86, 193

Rectangle

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



173, 124, 186



207, 114, 131



96, 154, 150



0, 81, 159

Sweetspot

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



173, 124, 186



237, 218, 242



124, 135, 186



119, 108, 122



250, 250, 250



122, 122, 122

Same Dimension

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



173, 124, 186



222, 145, 242



186, 124, 168



90, 83, 92



123, 0, 156



22, 0, 28

Inverse Universe

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



186, 124, 137



242, 145, 166



124, 172, 186



92, 83, 85



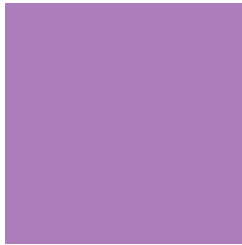
156, 0, 33



28, 0, 6

Previews

White Background



This preview shows how the RYB color 173, 124, 186 looks on a white background.

Color Contrast Check

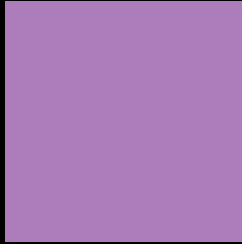
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 124, 186 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 173, 124, 186 Background



This preview shows how black text looks on a background with the RYB color 173, 124, 186.

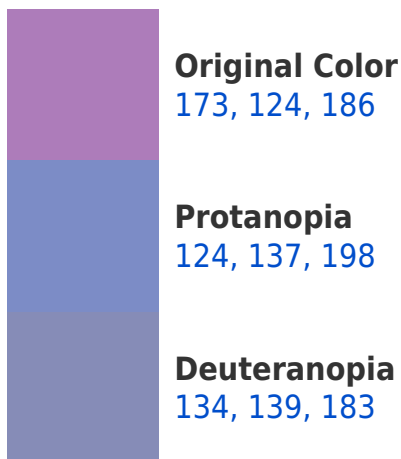


This preview shows how white text looks on a background with the RYB color 173, 124, 186.

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
167, 133, 143

Trichromacy



Original Color
173, 124, 186

Protanomaly
142, 134, 194

Deuteranomaly
148, 134, 184

Tritanomaly
169, 130, 159

Monochromacy



Original Color
173, 124, 186

Achromatopsia
146, 146, 146

Achromatomaly
156, 138, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 124, 186 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(173, 124, 186)` looks like.

```
.text, #text, p{  
  color:rgb(173, 124, 186)  
}
```

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(173, 124, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 124, 186) }
```

Border

The CSS property to change the border of an element to RYB 173, 124, 186 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(173, 124, 186) }
```

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

```
.border{ border-color:rgb(173, 124, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 124, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 124, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 124, 186);  
box-shadow:4px 4px 4px 4px rgb(173, 124,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 173, 124, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 124, 186) }
```

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

```
.background{ background-color: rgb(173,  
124, 186) }
```

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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