

Converting Colors

`RYB(174, 148, 225)`

Have a look what the booklet for
RYB(174, 148, 225) contains.

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Color

R_YB(174, 148, 225)

Conversions

Conversions Part 1

Format	Color
Hex	AE94E1
RGB	174, 148, 225
RGB Percent	68%, 58%, 88%
CMY	0.3176, 0.4196, 0.1176
CMYK	0.23, 0.34, 0.00, 0.12
HSL	260°, 56%, 73%
HSV	260°, 34%, 88%
XYZ	41.6361, 35.6147, 75.9140
YIQ	164.5520, -9.2210, 29.4590

Conversions

Conversions Part 2

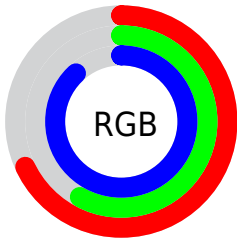
Format	Color
RYB	174, 148, 225
Decimal	11441377
CIELab	66.22, 25.32, -35.58
CIELCh	66, 43.667, 305.437
Yxy	35.6147, 0.2718, 0.2325
Android (android.graphics.Color)	4289631457 (0xFFAE94E1)
YUV	164.5520, 29.8009, 8.2859
Hunter-Lab	59.6781, 20.0989, -33.6457

Details

The RYB color **174, 148, 225** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **148, 225, 174**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **231, 202, 255**, and **120, 97, 169** is the 20% darker color. If you saturate the color by 10%, you get **159, 126, 225**, and if you desaturate by 10%, it is **189, 171, 225**.

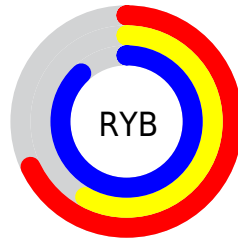
Distribution



Red (68%)

Green (58%)

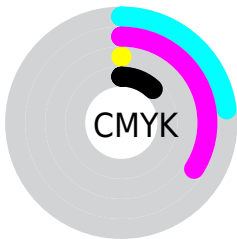
Blue (88%)



Red (68%)

Yellow (58%)

Blue (88%)

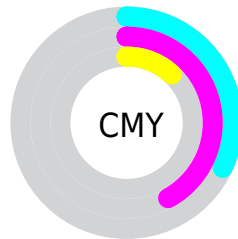


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (12%)



Cyan (32%)


Magenta (42%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 148, 225 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 174, 148, 225 by changing the saturation by 10% instead.


 174, 148, 225

255, 255, 255

 231, 202, 255

 255, 230, 255

 174, 148, 225

 147, 122, 197

 120, 97, 169

 94, 73, 143

 69, 50, 117

 44, 28, 92

 17, 7, 68

 0, 0, 45

 0, 1, 23

 0, 0, 0

■ 174, 148, 225

■ 174, 148, 225

■ 159, 126, 225

■ 189, 171, 225

■ 144, 103, 225

■ 204, 193, 225

■ 129, 81, 225

■ 219, 216, 225

■ 114, 58, 225

■ 225, 238, 229

■ 99, 36, 225

■ 225, 255, 231

■ 85, 13, 225

■ 225, 255, 225

■ 76, 0, 225

Harmonies

Analogous

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



110, 148, 239



174, 148, 225



216, 134, 194

Triad

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



174, 148, 225



211, 198, 90



0, 94, 181

Complementary

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



174, 148, 225



148, 225, 174

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.



86, 151, 179



174, 148, 225



102, 178, 81

Square

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



174, 148, 225



232, 137, 118



95, 172, 130



0, 96, 205

Rectangle

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



174, 148, 225



231, 129, 169



95, 172, 130



31, 114, 181

Sweetspot

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



174, 148, 225



238, 230, 255



148, 179, 225



117, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 148, 225



186, 150, 255



212, 148, 225



105, 101, 112



59, 0, 176



16, 0, 48

Inverse Universe

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



225, 148, 199



255, 150, 220



148, 225, 212



112, 101, 108



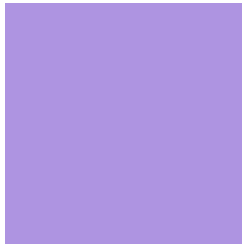
176, 0, 117



48, 0, 32

Previews

White Background



This preview shows how the RYB color 174, 148, 225 looks on a white background.

Color Contrast Check

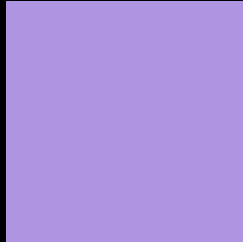
Large Text (above 18pt) WCAG AA × Fail

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 174, 148, 225 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 174, 148, 225 Background



This preview shows how black text looks on a background with the RYB color 174, 148, 225.



This preview shows how white text looks on a background with the RYB color 174, 148, 225.

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
174, 148, 225

Protanopia
137, 155, 233

Deuteranopia
141, 156, 223



Tritanopia
164, 159, 171

Trichromacy



Original Color
174, 148, 225

Protanomaly
150, 155, 230

Deuteranomaly
153, 155, 224

Tritanomaly
168, 155, 191

Monochromacy



Original Color
174, 148, 225

Achromatopsia
165, 165, 165

Achromatomaly
168, 159, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 148, 225 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(174, 148, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 148, 225)  
}
```

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(174, 148, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 148, 225) }
```

Border

The CSS property to change the border of an element to RYB 174, 148, 225 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(174, 148, 225) }
```

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

```
.border{ border-color:rgb(174, 148, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 148, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 148, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 148, 225);  
box-shadow:4px 4px 4px 4px rgb(174, 148,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 174, 148, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 148, 225) }
```

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

```
.background{ background-color: rgb(174,  
148, 225) }
```

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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