

Converting Colors

`RYB(145, 122, 174)`

Have a look what the booklet for
RYB(145, 122, 174) contains.

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Color

R_YB(145, 122, 174)

Conversions

Conversions Part 1

Format	Color
Hex	917AAE
RGB	145, 122, 174
RGB Percent	57%, 48%, 68%
CMY	0.4314, 0.5216, 0.3176
CMYK	0.17, 0.30, 0.00, 0.32
HSL	267°, 24%, 58%
HSV	267°, 30%, 68%
XYZ	26.2766, 22.9948, 43.0979
YIQ	134.8050, -2.9840, 21.0480

Conversions

Conversions Part 2

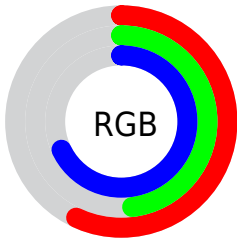
Format	Color
R_{YB}	145, 122, 174
Decimal	9534126
CIE _{Lab}	55.07, 19.40, -24.32
CIE _{LCh}	55, 31.106, 308.581
Yxy	22.9948, 0.2845, 0.2489
Android (android.graphics.Color)	4287724206 (0xFF917AAE)
YUV	134.8050, 19.3231, 8.9410
Hunter-Lab	47.9529, 13.8944, -19.7202

Details

The RYB color **145, 122, 174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122, 174, 145**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **199, 175, 230**, and **94, 73, 121** is the 20% darker color. If you saturate the color by 10%, you get **135, 105, 174**, and if you desaturate by 10%, it is **155, 139, 174**.

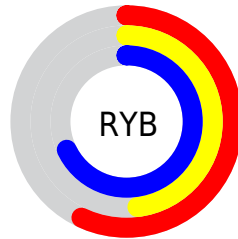
Distribution



Red (57%)

Green (48%)

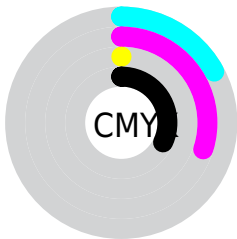
Blue (68%)



Red (57%)

Yellow (48%)

Blue (68%)

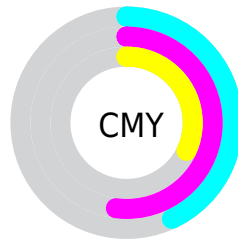


Cyan (17%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 122, 174 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 145, 122, 174 by changing the saturation by 10% instead.

 145, 122, 174

255, 255, 255

 199, 175, 230

 228, 202, 255

 255, 230, 255

 145, 122, 174

 119, 97, 147

 94, 73, 121

 69, 50, 96

 46, 29, 72

 24, 6, 50

 0, 2, 28

 0, 0, 0

 145, 122, 174

 135, 105, 174

 145, 122, 174

 155, 139, 174

■ 126, 87, 174

■ 164, 157, 174

■ 116, 70, 174

■ 174, 174, 174

■ 106, 52, 174

■ 174, 192, 182

■ 96, 35, 174

■ 174, 209, 189

■ 87, 18, 174

■ 174, 226, 197

■ 77, 0, 174

■ 174, 244, 205

■ 174, 255, 206

■ 174, 255, 197

Harmonies

Analogous

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



106, 126, 185



145, 122, 174



172, 114, 152

Triad

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



145, 122, 174



166, 162, 82



41, 95, 146

Complementary

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



145, 122, 174



122, 174, 145

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.



79, 123, 145



145, 122, 174



88, 142, 78

Square

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



145, 122, 174



181, 118, 100



89, 140, 116



16, 85, 165

Rectangle

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



145, 122, 174



182, 111, 134



89, 140, 116



55, 105, 146

Sweetspot

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



145, 122, 174



216, 207, 227



122, 141, 174



108, 102, 115



242, 242, 242



115, 115, 115

Same Dimension

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



145, 122, 174



181, 145, 227



171, 122, 174



82, 78, 87



67, 0, 150



10, 0, 23

Inverse Universe

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



174, 122, 151



227, 145, 191



122, 174, 171



87, 78, 83



150, 0, 84



23, 0, 13

Previews

White Background



This preview shows how the RYB color 145, 122, 174 looks on a white background.

Color Contrast Check

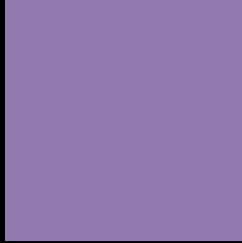
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 122, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

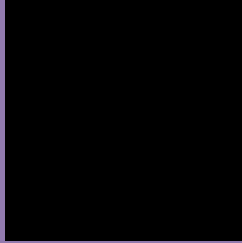
Any Text WCAG AA ✓ Pass

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 145, 122, 174 Background



This preview shows how black text looks on a background with the RYB color 145, 122, 174.

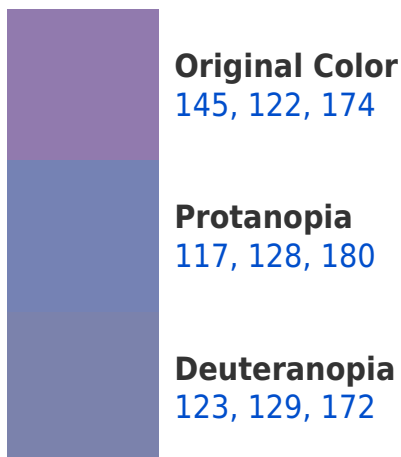


This preview shows how white text looks on a background with the RYB color 145, 122, 174.

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
139, 129, 139

Trichromacy



Original Color
145, 122, 174

Protanomaly
127, 127, 178

Deuteranomaly
131, 127, 173

Tritanomaly
141, 126, 152

Monochromacy



Original Color
145, 122, 174

Achromatopsia
135, 135, 135

Achromatomaly
139, 130, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 122, 174 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(145, 122, 174) looks like.

```
.text, #text, p{  
    color:rgb(145, 122, 174)  
}
```

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(145, 122, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 122, 174) }
```

Border

The CSS property to change the border of an element to RYB 145, 122, 174 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(145, 122, 174) }
```

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

```
.border{ border-color:rgb(145, 122, 174) }
```

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

Here you see how a box with a 4 pixel rgb(145, 122, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 122, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 122, 174);  
box-shadow:4px 4px 4px 4px rgb(145, 122,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 145, 122, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 122, 174) }
```

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

```
.background{ background-color: rgb(145,  
122, 174) }
```

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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