

Converting Colors

`RYB(141, 126, 174)`

Have a look what the booklet for
RYB(141, 126, 174) contains.

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Color

R_YB(141, 126, 174)

Conversions

Conversions Part 1

Format	Color
Hex	8D7EAE
RGB	141, 126, 174
RGB Percent	55%, 49%, 68%
CMY	0.4471, 0.5059, 0.3176
CMYK	0.19, 0.28, 0.00, 0.32
HSL	259°, 23%, 59%
HSV	259°, 28%, 68%
XYZ	26.0853, 23.6404, 43.2326
YIQ	135.9570, -6.4680, 18.1080

Conversions

Conversions Part 2

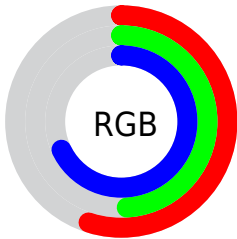
Format	Color
R _Y B	141, 126, 174
Decimal	9273006
CIE Lab	55.73, 15.77, -23.33
CIE LCh	56, 28.160, 304.046
Yxy	23.6404, 0.2806, 0.2543
Android (android.graphics.Color)	4287463086 (0xFF8D7EAE)
YUV	135.9570, 18.7552, 4.4227
Hunter-Lab	48.6214, 10.6776, -18.6838

Details

The RYB color **141, 126, 174** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **126, 174, 141**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **195, 179, 230**, and **90, 77, 121** is the 20% darker color. If you saturate the color by 10%, you get **129, 109, 174**, and if you desaturate by 10%, it is **153, 143, 174**.

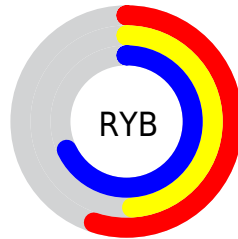
Distribution



Red (55%)

Green (49%)

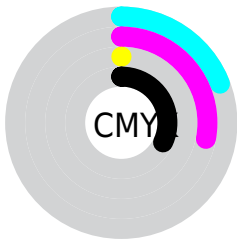
Blue (68%)



Red (55%)

Yellow (49%)

Blue (68%)

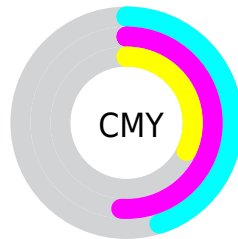


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 126, 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 141, 126, 174 by changing the saturation by 10% instead.


 141, 126, 174

255, 255, 255

 195, 179, 230


 223, 206, 255


 252, 234, 255


 141, 126, 174

 115, 101, 147

 90, 77, 121

 66, 54, 96

 43, 33, 72


 21, 12, 50

 0, 2, 28

 0, 0, 0

 141, 126, 174

 129, 109, 174

 141, 126, 174

 153, 143, 174

■ 117, 91, 174

■ 165, 161, 174

■ 105, 74, 174

■ 174, 178, 175

■ 93, 56, 174

■ 174, 196, 181

■ 81, 39, 174

■ 174, 213, 186

■ 69, 22, 174

■ 174, 230, 191

■ 57, 4, 174

■ 174, 248, 197

■ 54, 0, 174

■ 174, 255, 192

■ 174, 255, 180

Harmonies

Analogous

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



105, 127, 182



141, 126, 174



167, 118, 155

Triad

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



141, 126, 174



168, 153, 90



63, 108, 147

Complementary

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



141, 126, 174



126, 174, 141

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.



92, 131, 145



141, 126, 174



102, 147, 84

Square

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



141, 126, 174



180, 120, 107



92, 140, 111



47, 100, 160

Rectangle

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



141, 126, 174



178, 115, 139



92, 140, 111



72, 115, 147

Sweetspot

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



141, 126, 174



214, 209, 227



126, 146, 174



107, 103, 115



242, 242, 242



115, 115, 115

Same Dimension

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



141, 126, 174



175, 152, 227



164, 126, 174



81, 78, 87



47, 0, 150



7, 0, 23

Inverse Universe

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



174, 126, 159



227, 152, 204



126, 174, 164



87, 78, 84



150, 0, 103



23, 0, 16

Previews

White Background



This preview shows how the RYB color 141, 126, 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 141, 126, 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 141, 126, 174 Background



This preview shows how black text looks on a background with the RYB color 141, 126, 174.



This preview shows how white text looks on a background with the RYB color 141, 126, 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



Original Color
141, 126, 174

Protanopia
121, 130, 178

Deuteranopia
125, 130, 173



Tritanopia
135, 132, 142

Trichromacy



Original Color
141, 126, 174

Protanomaly
128, 130, 177

Deuteranomaly
131, 129, 173

Tritanomaly
137, 130, 154

Monochromacy



Original Color
141, 126, 174

Achromatopsia
136, 136, 136

Achromatomaly
138, 132, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 126, 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(141, 126, 174)` looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 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(141, 126, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 174) }
```

Border

The CSS property to change the border of an element to RYB 141, 126, 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(141, 126, 174) }
```

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

```
.border{ border-color:rgb(141, 126, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(141, 126,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 141, 126, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 174) }
```

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

```
.background{ background-color: rgb(141,  
126, 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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