

Converting Colors

`RYB(163, 126, 183)`

Have a look what the booklet for RYB(163, 126, 183) contains.

RYB(163, 126, 183)	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(163, 126, 183)

Conversions

Conversions Part 1

Format	Color
Hex	A37EB7
RGB	163, 126, 183
RGB Percent	64%, 49%, 72%
CMY	0.3608, 0.5059, 0.2824
CMYK	0.11, 0.31, 0.00, 0.28
HSL	279°, 28%, 61%
HSV	279°, 31%, 72%
XYZ	31.1124, 26.1271, 48.2030
YIQ	143.5610, 3.7550, 25.5710

Conversions

Conversions Part 2

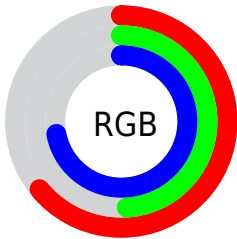
Format	Color
R_{YB}	163, 126, 183
Decimal	10714807
CIE _{Lab}	58.16, 24.94, -24.57
CIE _{LCh}	58, 35.014, 315.432
Yxy	26.1271, 0.2951, 0.2478
Android (android.graphics.Color)	4288904887 (0xFFA37EB7)
YUV	143.5610, 19.4434, 17.0480
Hunter-Lab	51.1147, 19.1981, -20.1323

Details

The RYB color **163, 126, 183** is a light color, and the websafe version is hex **996699**. A complement of this color would be **126, 183, 163**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **219, 179, 239**, and **110, 76, 130** is the 20% darker color. If you saturate the color by 10%, you get **157, 108, 183**, and if you desaturate by 10%, it is **169, 144, 183**.

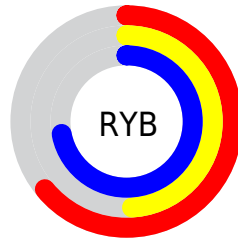
Distribution



Red (64%)

Green (49%)

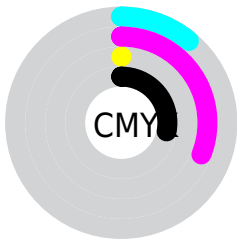
Blue (72%)



Red (64%)

Yellow (49%)

Blue (72%)

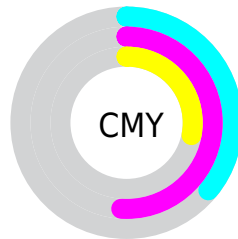


Cyan (11%)

Magenta (31%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 126, 183 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 163, 126, 183 by changing the saturation by 10% instead.

 163, 126, 183

255, 255, 255


 219, 179, 239

 247, 207, 255


 255, 235, 255

 163, 126, 183

 136, 101, 156

 110, 76, 130

 85, 53, 105

 61, 31, 80

 38, 9, 57


 17, 0, 35

 0, 0, 10

 0, 0, 0


 163, 126, 183


 163, 126, 183


 157, 108, 183

 169, 144, 183

 150, 89, 183


 176, 163, 183

 144, 71, 183

 182, 181, 183

 137, 53, 183


 183, 199, 193

 131, 35, 183

 183, 218, 206

 124, 16, 183

 183, 236, 217

 119, 0, 183

 183, 254, 229

 183, 255, 224

 183, 255, 217

Harmonies

Analogous

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



120, 134, 199



163, 126, 183



190, 117, 156

Triad

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



163, 126, 183



148, 172, 80



0, 78, 156

Complementary

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



163, 126, 183



126, 183, 163

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.



69, 122, 155



163, 126, 183



81, 144, 80

Square

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



163, 126, 183



192, 131, 97



96, 151, 138



0, 84, 183

Rectangle

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



163, 126, 183



198, 115, 135



96, 151, 138



32, 97, 156

Sweetspot

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



163, 126, 183



230, 216, 237



126, 141, 183



115, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



163, 126, 183



206, 149, 237



183, 126, 175



89, 83, 92



101, 0, 156



18, 0, 28

Inverse Universe

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



183, 126, 146



237, 149, 180



126, 176, 183



92, 83, 86



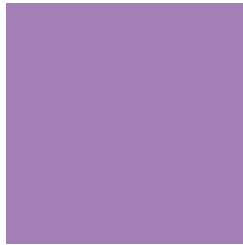
156, 0, 55



28, 0, 10

Previews

White Background



This preview shows how the RYB color 163, 126, 183 looks on a white background.

Color Contrast Check

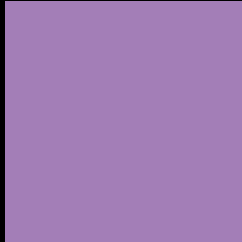
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 126, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

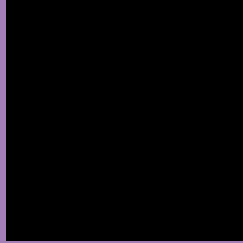
Any Text WCAG AA ✓ Pass

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 163, 126, 183 Background



This preview shows how black text looks on a background with the RYB color 163, 126, 183.

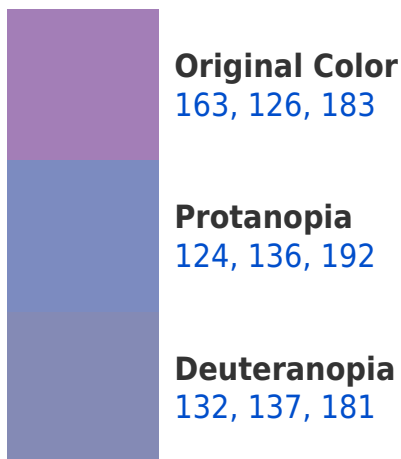


This preview shows how white text looks on a background with the RYB color 163, 126, 183.

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
157, 134, 144

Trichromacy



Original Color
163, 126, 183

Protanomaly
138, 134, 189

Deuteranomaly
143, 134, 182

Tritanomaly
159, 131, 158

Monochromacy



Original Color
163, 126, 183

Achromatopsia
144, 144, 144

Achromatomaly
151, 137, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 126, 183 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(163, 126, 183)` looks like.

```
.text, #text, p{  
    color:rgb(163, 126, 183)  
}
```

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(163, 126, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 126, 183) }
```

Border

The CSS property to change the border of an element to RYB 163, 126, 183 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(163, 126, 183) }
```

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

```
.border{ border-color:rgb(163, 126, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 126, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 126, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 126, 183);  
box-shadow:4px 4px 4px 4px rgb(163, 126,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 163, 126, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 126, 183) }
```

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

```
.background{ background-color: rgb(163,  
126, 183) }
```

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