

Converting Colors

`RYB(164, 143, 175)`

Have a look what the booklet for RYB(164, 143, 175) contains.

RYB(164, 143, 175)	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

$\text{RYB}(164, 143, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	A48FAF
RGB	164, 143, 175
RGB Percent	64%, 56%, 69%
CMY	0.3569, 0.4392, 0.3137
CMYK	0.06, 0.18, 0.00, 0.31
HSL	279°, 17%, 62%
HSV	279°, 18%, 69%
XYZ	32.8702, 30.6326, 44.7377
YIQ	152.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

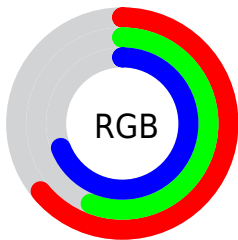
Format	Color
RYB	164, 143, 175
Decimal	10784687
CIELab	62.20, 13.91, -13.86
CIElCh	62, 19.637, 315.089
Yxy	30.6326, 0.3037, 0.2830
Android (android.graphics.Color)	4288974767 (0xFFA48FAF)
YUV	152.9270, 10.8820, 9.7110
Hunter-Lab	55.3467, 9.1536, -9.1824

Details

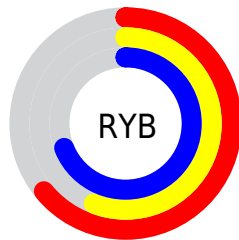
The RYB color **164, 143, 175** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **143, 175, 164**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **219, 197, 231**, and **112, 93, 123** is the 20% darker color. If you saturate the color by 10%, you get **158, 126, 175**, and if you desaturate by 10%, it is **170, 161, 175**.

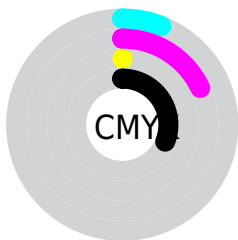
Distribution



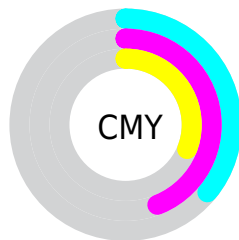
- Red (64%)
- Green (56%)
- Blue (69%)



- Red (64%)
- Yellow (56%)
- Blue (69%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)




- Cyan (36%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 143, 175 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 164, 143, 175 by changing the saturation by 10% instead.


 164, 143, 175

255, 255, 255

 219, 197, 231

 248, 225, 255

 255, 253, 255


 164, 143, 175

 138, 117, 148

 112, 93, 123

 87, 69, 98


 64, 47, 74


 41, 25, 51

 23, 0, 30

 0, 0, 1

 0, 0, 0

 164, 143, 175

 164, 143, 175

■ 158, 126, 175

■ 170, 161, 175

■ 152, 108, 175

■ 175, 178, 177

■ 146, 91, 175

■ 175, 196, 189

■ 140, 73, 175

■ 175, 213, 200

■ 134, 56, 175

■ 175, 231, 212

■ 128, 38, 175

■ 175, 248, 223

■ 122, 21, 175

■ 175, 255, 224

■ 116, 3, 175

■ 175, 255, 218

■ 115, 0, 175

■ 175, 255, 212

Harmonies

Analogous

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



142, 148, 184



164, 143, 175



180, 139, 160

Triad

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



164, 143, 175



166, 172, 117



103, 132, 160

Complementary

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



164, 143, 175



143, 175, 164

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.



116, 144, 160



164, 143, 175



119, 154, 117

Square

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



164, 143, 175



183, 146, 126



125, 157, 147



104, 135, 174

Rectangle

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



164, 143, 175



185, 138, 148



125, 157, 147



106, 135, 160

Sweetspot

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



164, 143, 175



223, 216, 227



143, 151, 175



112, 108, 115



242, 242, 242



115, 115, 115

Same Dimension

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



164, 143, 175



210, 177, 227



175, 143, 170



84, 78, 87



99, 0, 150



15, 0, 23

Inverse Universe

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



175, 143, 154



227, 177, 194



143, 171, 175



87, 78, 81



150, 0, 52



23, 0, 8

Previews

White Background



This preview shows how the RYB color 164, 143, 175 looks on a white background.

Color Contrast Check

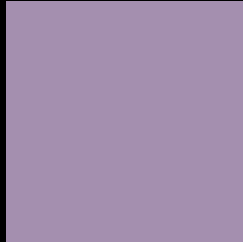
Large Text (above 18pt) WCAG AA × Fail

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 164, 143, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

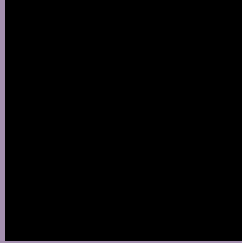
Any Text WCAG AA ✓ Pass

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 164, 143, 175 Background



This preview shows how black text looks on a background with the RYB color 164, 143, 175.



This preview shows how white text looks on a background with the RYB color 164, 143, 175.

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

164, 143, 175

Protanopia

144, 148, 179

Deuteranopia

154, 147, 174



Tritanopia
161, 146, 158

Trichromacy



Original Color
164, 143, 175

Protanomaly
151, 147, 178

Deuteranomaly
158, 146, 174

Tritanomaly
162, 145, 164

Monochromacy



Original Color
164, 143, 175

Achromatopsia
153, 153, 153

Achromatomaly
157, 149, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 143, 175 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(164, 143, 175) looks like.

```
.text, #text, p{  
    color:rgb(164, 143, 175)  
}
```

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(164, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 143, 175) }
```

Border

The CSS property to change the border of an element to RYB 164, 143, 175 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(164, 143, 175) }
```

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

```
.border{ border-color:rgb(164, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(164, 143,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 164, 143, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 143, 175) }
```

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

```
.background{ background-color: rgb(164,  
143, 175) }
```

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