

Converting Colors

`RYB(163, 142, 175)`

Have a look what the booklet for RYB(163, 142, 175) contains.

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Color

R_YB(163, 142, 175)

Conversions

Conversions Part 1

Format	Color
Hex	A38EAF
RGB	163, 142, 175
RGB Percent	64%, 56%, 69%
CMY	0.3608, 0.4431, 0.3137
CMYK	0.07, 0.19, 0.00, 0.31
HSL	278°, 17%, 62%
HSV	278°, 19%, 69%
XYZ	32.5151, 30.2277, 44.6782
YIQ	152.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

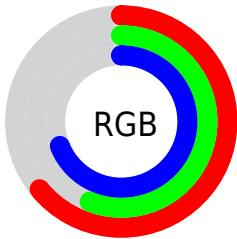
Format	Color
RYB	163, 142, 175
Decimal	10718895
CIELab	61.85, 14.13, -14.39
CIELCh	62, 20.172, 314.470
Yxy	30.2277, 0.3027, 0.2814
Android (android.graphics.Color)	4288908975 (0xFFA38EAF)
YUV	152.0410, 11.3188, 9.6110
Hunter-Lab	54.9797, 9.3508, -9.6951

Details

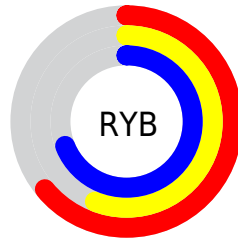
The RYB color **163, 142, 175** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **142, 175, 163**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **218, 196, 231**, and **111, 92, 123** is the 20% darker color. If you saturate the color by 10%, you get **157, 125, 175**, and if you desaturate by 10%, it is **169, 160, 175**.

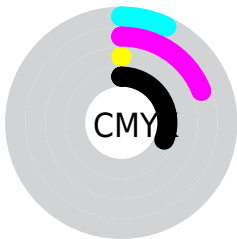
Distribution



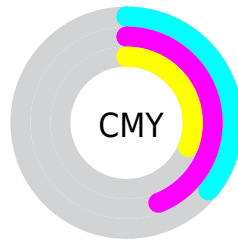
- Red (64%)
- Green (56%)
- Blue (69%)



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



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 142, 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 163, 142, 175 by changing the saturation by 10% instead.

 163, 142, 175


255, 255, 255


 218, 196, 231

 247, 224, 255


 255, 252, 255


 163, 142, 175

 137, 116, 148

 111, 92, 123

 86, 68, 98

 63, 46, 74

 41, 25, 51


 22, 0, 30

 0, 0, 1


 0, 0, 0

 163, 142, 175

 163, 142, 175

 157, 125, 175


 169, 160, 175

 150, 107, 175


 175, 177, 176

 144, 90, 175


 175, 195, 188

 138, 72, 175

 175, 212, 199

 131, 54, 175


 175, 230, 210

 125, 37, 175


 175, 247, 221

 118, 20, 175

 175, 255, 222

 112, 2, 175

 175, 255, 216

 111, 0, 175

 175, 255, 210

Harmonies

Analogous

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



140, 147, 184



163, 142, 175



179, 138, 159

Triad

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



163, 142, 175



164, 171, 115



101, 131, 160

Complementary

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



163, 142, 175



142, 175, 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.



114, 143, 159



163, 142, 175



118, 154, 115

Square

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



163, 142, 175



183, 145, 125



124, 156, 146



101, 133, 174

Rectangle

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



163, 142, 175



185, 137, 147



124, 156, 146



104, 134, 160

Sweetspot

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



163, 142, 175



222, 213, 227



142, 151, 175



112, 107, 115



242, 242, 242



115, 115, 115

Same Dimension

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



163, 142, 175



208, 175, 227



175, 142, 171



84, 78, 87



96, 0, 150



15, 0, 23

Inverse Universe

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



175, 142, 154



227, 175, 194



142, 171, 175



87, 78, 81



150, 0, 55



23, 0, 8

Previews

White Background



This preview shows how the RYB color 163, 142, 175 looks on a white background.

Color Contrast Check

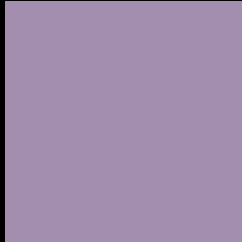
Large Text (above 18pt) WCAG AA × Fail

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 163, 142, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

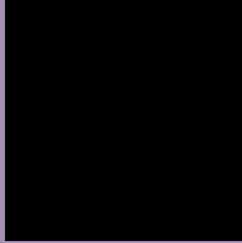
Any Text WCAG AA ✓ Pass

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 163, 142, 175 Background



This preview shows how black text looks on a background with the RYB color 163, 142, 175.



This preview shows how white text looks on a background with the RYB color 163, 142, 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

163, 142, 175

Protanopia

143, 147, 179

Deuteranopia

152, 146, 174



Tritanopia
160, 145, 157

Trichromacy



Original Color
163, 142, 175

Protanomaly
150, 146, 178

Deuteranomaly
156, 145, 174

Tritanomaly
161, 144, 164

Monochromacy



Original Color
163, 142, 175

Achromatopsia
152, 152, 152

Achromatomaly
156, 148, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 142, 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(163, 142, 175) looks like.

```
.text, #text, p{  
    color:rgb(163, 142, 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(163, 142, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 175) }
```

Border

The CSS property to change the border of an element to RYB 163, 142, 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(163, 142, 175) }
```

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

```
.border{ border-color:rgb(163, 142, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 142, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 175);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 163, 142, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 175) }
```

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

```
.background{ background-color: rgb(163,  
142, 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](#).

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