

Converting Colors

`RYB(165, 142, 171)`

Have a look what the booklet for
RYB(165, 142, 171) contains.

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Color

$\text{RYB}(165, 142, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	A58EAB
RGB	165, 142, 171
RGB Percent	65%, 56%, 67%
CMY	0.3529, 0.4431, 0.3294
CMYK	0.04, 0.17, 0.00, 0.33
HSL	288°, 15%, 61%
HSV	288°, 17%, 67%
XYZ	32.5407, 30.2856, 42.6587
YIQ	152.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

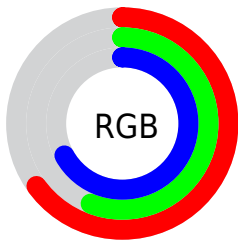
Format	Color
RYB	165, 142, 171
Decimal	10849963
CIELab	61.90, 14.01, -12.04
CIElCh	62, 18.468, 319.333
Yxy	30.2856, 0.3085, 0.2871
Android (android.graphics.Color)	4289040043 (0xFFA58EAB)
YUV	152.1830, 9.2768, 11.2405
Hunter-Lab	55.0324, 9.2407, -7.4364

Details

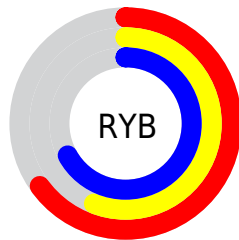
The RYB color **165, 142, 171** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **142, 171, 165**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **220, 196, 226**, and **113, 92, 119** is the 20% darker color. If you saturate the color by 10%, you get **161, 125, 171**, and if you desaturate by 10%, it is **169, 159, 171**.

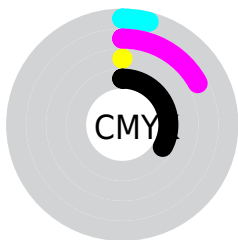
Distribution



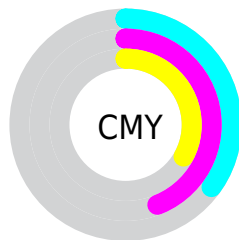
- Red (65%)
- Green (56%)
- Blue (67%)



- Red (65%)
- Yellow (56%)
- Blue (67%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 165, 142, 171 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 165, 142, 171 by changing the saturation by 10% instead.


 165, 142, 171


255, 255, 255

 220, 196, 226

 249, 224, 255

 255, 252, 255

 165, 142, 171

 139, 116, 144

 113, 92, 119

 88, 68, 94


 65, 46, 70

 42, 25, 48


 24, 0, 27

 0, 0, 0

 165, 142, 171

 161, 125, 171

 165, 142, 171

 169, 159, 171

158, 108, 171

171, 176, 175

154, 91, 171

171, 193, 188

151, 74, 171

171, 210, 202

147, 57, 171

171, 227, 215

144, 39, 171

171, 245, 230

140, 22, 171

171, 255, 236

137, 5, 171

171, 255, 233

136, 0, 171

171, 255, 229

Harmonies

Analogous

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



145, 147, 180



165, 142, 171



179, 139, 156

Triad

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



165, 142, 171



157, 168, 118



105, 132, 160

Complementary

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



165, 142, 171



142, 171, 165

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.



115, 142, 159



165, 142, 171



119, 152, 120

Square

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



165, 142, 171



179, 148, 125



128, 156, 152



108, 136, 174

Rectangle

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



165, 142, 171



183, 138, 145



128, 156, 152



107, 134, 159

Sweetspot

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



165, 142, 171



220, 211, 222



142, 147, 171



111, 105, 112



240, 240, 240



112, 112, 112

Same Dimension

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



165, 142, 171



213, 177, 222



171, 142, 163



85, 78, 87



119, 0, 150



18, 0, 23

Inverse Universe

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



171, 142, 148



222, 177, 187



142, 165, 171



87, 78, 80



150, 0, 31



23, 0, 5

Previews

White Background



This preview shows how the RYB color 165, 142, 171 looks on a white background.

Color Contrast Check

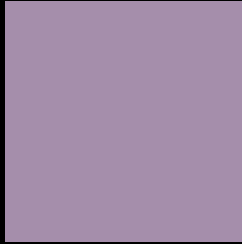
Large Text (above 18pt) WCAG AA × Fail

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 165, 142, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

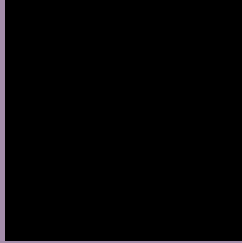
Any Text WCAG AA ✓ Pass

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](#).

R Y B 165, 142, 171 Background



This preview shows how black text looks on a background with the RYB color 165, 142, 171.



This preview shows how white text looks on a background with the RYB color 165, 142, 171.

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
165, 142, 171

Protanopia
145, 148, 175

Deuteranopia
154, 146, 170



Tritanopia
163, 145, 156

Trichromacy



Original Color

165, 142, 171

Protanomaly

152, 146, 174

Deuteranomaly

158, 145, 170

Tritanomaly

164, 144, 161

Monochromacy



Original Color

165, 142, 171

Achromatopsia

152, 152, 152

Achromatomaly

157, 148, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 142, 171 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(165, 142, 171) looks like.

```
.text, #text, p{  
    color:rgb(165, 142, 171)  
}
```

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(165, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 142, 171) }
```

Border

The CSS property to change the border of an element to RYB 165, 142, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

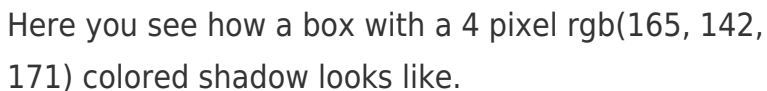
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 142, 171) }
```

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

```
.border{ border-color:rgb(165, 142, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 142, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 142, 171); box-shadow:4px 4px 4px 4px rgb(165, 142, 171) }
```

Background

The CSS property to change the background color of an element to RYB 165, 142, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 142, 171) }
```

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

```
.background{ background-color: rgb(165,  
142, 171) }
```

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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