

Converting Colors

`RYB(165, 138, 153)`

Have a look what the booklet for
RYB(165, 138, 153) contains.

RYB(165, 138, 153)	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

`RYB(165, 138, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	A58A99
RGB	165, 138, 153
RGB Percent	65%, 54%, 60%
CMY	0.3529, 0.4588, 0.4000
CMYK	0.00, 0.16, 0.07, 0.35
HSL	327°, 13%, 59%
HSV	327°, 16%, 65%
XYZ	30.3553, 28.4762, 34.0336
YIQ	147.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

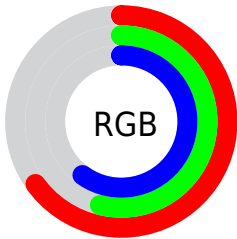
Format	Color
R_{YB}	165, 138, 153
Decimal	10848921
CIE _{Lab}	60.32, 12.82, -4.15
CIE _{LCh}	60, 13.476, 342.060
Yxy	28.4762, 0.3269, 0.3066
Android (android.graphics.Color)	4289039001 (0xFFA58A99)
YUV	147.7830, 2.5720, 15.0993
Hunter-Lab	53.3631, 8.1533, -0.4594

Details

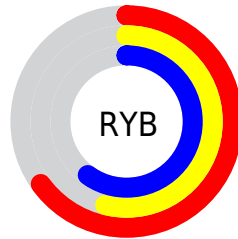
The RYB color **165, 138, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **138, 157, 165**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **220, 192, 207**, and **113, 88, 102** is the 20% darker color. If you saturate the color by 10%, you get **165, 121, 146**, and if you desaturate by 10%, it is **165, 154, 160**.

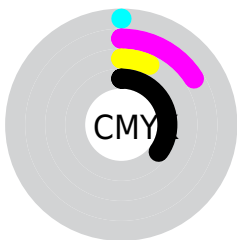
Distribution



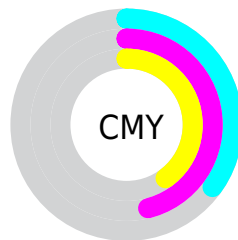
- Red (65%)
- Green (54%)
- Blue (60%)



- Red (65%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 138, 153 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, 138, 153 by changing the saturation by 10% instead.

 165, 138, 153

255, 255, 255

 220, 192, 207

 249, 219, 236

 255, 248, 255

 165, 138, 153

 139, 113, 127

 113, 88, 102

 88, 65, 78

 65, 42, 55

 42, 22, 34

 24, 0, 12

 0, 0, 0

 165, 138, 153

 165, 121, 146

 165, 138, 153

 165, 154, 160

■ 165, 105, 138

■ 165, 169, 171

■ 165, 88, 131

■ 165, 180, 187

■ 165, 72, 124

■ 165, 192, 204

■ 165, 55, 116

■ 165, 203, 220

■ 165, 39, 109

■ 165, 215, 237

■ 165, 22, 102

■ 165, 226, 253

■ 165, 6, 94

■ 165, 224, 255

■ 165, 0, 92

■ 165, 221, 255

Harmonies

Analogous

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



154, 141, 163



165, 138, 153



170, 137, 141

Triad

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



165, 138, 153



127, 150, 122



116, 136, 161

Complementary

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



165, 138, 153



138, 157, 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.



116, 135, 152



165, 138, 153



128, 150, 142

Square

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



165, 138, 153



162, 160, 123



124, 143, 152



124, 140, 168

Rectangle

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



165, 138, 153



170, 139, 133



124, 143, 152



115, 135, 158

Sweetspot

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



165, 138, 153



214, 203, 209



150, 138, 165



107, 101, 104



235, 235, 235



107, 107, 107

Same Dimension

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



165, 138, 153



214, 171, 195



165, 138, 140



82, 73, 78



145, 0, 81



18, 0, 10

Inverse Universe

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



165, 138, 153



214, 171, 195



138, 152, 165



82, 73, 78



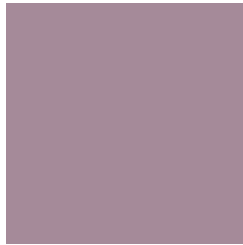
145, 0, 81



18, 0, 10

Previews

White Background



This preview shows how the RYB color 165, 138, 153 looks on a white background.

Color Contrast Check

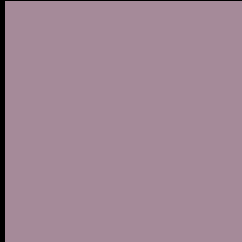
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 138, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

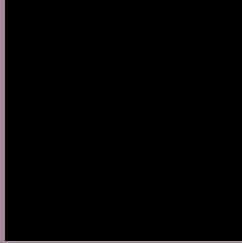
Any Text WCAG AA ✓ Pass

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 165, 138, 153 Background



This preview shows how black text looks on a background with the RYB color 165, 138, 153.



This preview shows how white text looks on a background with the RYB color 165, 138, 153.

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, 138, 153

Protanopia
145, 145, 157

Deuteranopia
157, 141, 152



Tritanopia
165, 139, 149

Trichromacy



Original Color
165, 138, 153

Protanomaly
152, 142, 156

Deuteranomaly
160, 140, 152

Tritanomaly
165, 139, 150

Monochromacy



Original Color
165, 138, 153

Achromatopsia
148, 148, 148

Achromatomaly
154, 144, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 138, 153 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, 138, 153) looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 153)  
}
```

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, 138, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 153) }
```

Border

The CSS property to change the border of an element to RYB 165, 138, 153 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, 138, 153) }
```

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

```
.border{ border-color:rgb(165, 138, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 165, 138, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 153) }
```

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

```
.background{ background-color: rgb(165,  
138, 153) }
```

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