

Converting Colors

`RYB(168, 113, 141)`

Have a look what the booklet for
RYB(168, 113, 141) contains.

RYB(168, 113, 141)	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(168, 113, 141)

Conversions

Conversions Part 1

Format	Color
Hex	A8718D
RGB	168, 113, 141
RGB Percent	66%, 44%, 55%
CMY	0.3412, 0.5569, 0.4471
CMYK	0.00, 0.33, 0.16, 0.34
HSL	329°, 24%, 55%
HSV	329°, 33%, 66%
XYZ	26.8613, 22.0582, 28.0412
YIQ	132.6370, 23.7920, 20.3680

Conversions

Conversions Part 2

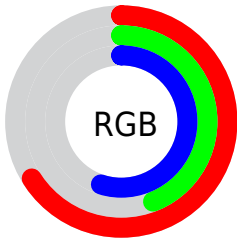
Format	Color
R_{YB}	168, 113, 141
Decimal	11039117
CIE _{Lab}	54.09, 26.01, -6.40
CIE _{LCh}	54, 26.790, 346.172
Yxy	22.0582, 0.3490, 0.2866
Android (android.graphics.Color)	4289229197 (0xFFA8718D)
YUV	132.6370, 4.1230, 31.0134
Hunter-Lab	46.9661, 19.8986, -2.5229

Details

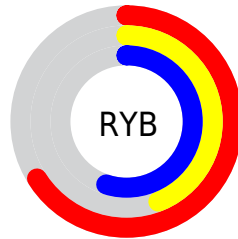
The RYB color **168, 113, 141** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113, 150, 168**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **224, 165, 195**, and **115, 64, 91** is the 20% darker color. If you saturate the color by 10%, you get **168, 96, 133**, and if you desaturate by 10%, it is **168, 130, 149**.

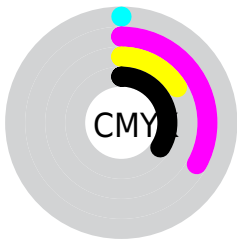
Distribution



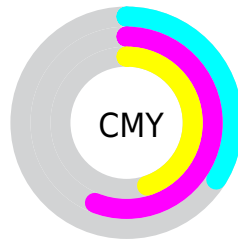
- Red (66%)
- Green (44%)
- Blue (55%)



- Red (66%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (34%)



- Cyan (34%)
- Magenta (56%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 168, 113, 141 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 168, 113, 141 by changing the saturation by 10% instead.

 168, 113, 141


255, 255, 255


 224, 165, 195


 253, 193, 222

 255, 221, 251

 255, 250, 255

 168, 113, 141

 141, 88, 115

 115, 64, 91

 89, 41, 67

 65, 18, 45


 42, 0, 25


 1, 0, 0


 0, 0, 0

 168, 113, 141


 168, 96, 133

 168, 113, 141

 168, 130, 149

 168, 79, 125


 168, 147, 157

 168, 63, 116

 168, 163, 166

 168, 46, 108

 168, 176, 180

 168, 29, 100

 168, 188, 197

 168, 12, 92

 168, 199, 214

 168, 0, 86

 168, 210, 231

 168, 221, 247

 168, 224, 255

Harmonies

Analogous

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



148, 119, 161



168, 113, 141



175, 112, 118

Triad

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



168, 113, 141



85, 133, 84



53, 101, 162

Complementary

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



168, 113, 141



113, 150, 168

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.



55, 99, 142



168, 113, 141



97, 138, 129

Square

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



168, 113, 141



141, 155, 85



79, 117, 141



81, 115, 174

Rectangle

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



168, 113, 141



173, 117, 103



79, 117, 141



50, 99, 156

Sweetspot

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



168, 113, 141



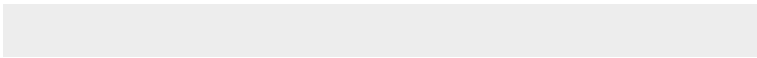
219, 197, 209



140, 113, 168



110, 96, 103



237, 237, 237



110, 110, 110

Same Dimension

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



168, 113, 141



219, 134, 177



168, 113, 114



84, 76, 80



148, 0, 75



20, 0, 10

Inverse Universe

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



168, 113, 141



219, 134, 177



113, 141, 168



84, 76, 80



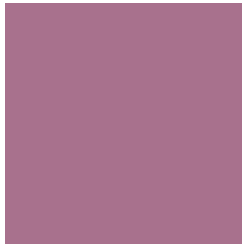
148, 0, 75



20, 0, 10

Previews

White Background



This preview shows how the RYB color 168, 113, 141 looks on a white background.

Color Contrast Check

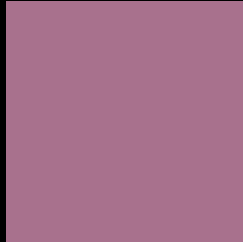
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 113, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

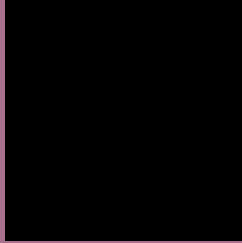
Any Text WCAG AA ✓ Pass

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 168, 113, 141 Background



This preview shows how black text looks on a background with the RYB color 168, 113, 141.

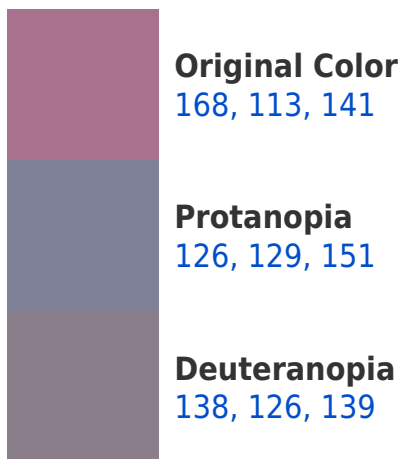



This preview shows how white text looks on a background with the RYB color 168, 113, 141.

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
166, 116, 125

Trichromacy



Original Color
168, 113, 141

Protanomaly
141, 123, 147

Deuteranomaly
149, 121, 140

Tritanomaly
167, 115, 131

Monochromacy



Original Color
168, 113, 141

Achromatopsia
133, 133, 133

Achromatomaly
146, 126, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 113, 141 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(168, 113, 141) looks like.

```
.text, #text, p{  
    color:rgb(168, 113, 141)  
}
```

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(168, 113, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 113, 141) }
```

Border

The CSS property to change the border of an element to RYB 168, 113, 141 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(168, 113, 141) }
```

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

```
.border{ border-color:rgb(168, 113, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 113, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 113, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 113, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 113,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 168, 113, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 113, 141) }
```

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

```
.background{ background-color: rgb(168,  
113, 141) }
```

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