

Converting Colors

RGB(142, 123, 155)

Have a look what the booklet for
RGB(142, 123, 155) contains.

RGB(142, 123, 155)	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

RGB(142, 123, 155)

Conversions

Conversions Part 1

Format	Color
Hex	8E7B9B
RGB	142, 123, 155
RGB Percent	56%, 48%, 61%
CMY	0.4431, 0.5176, 0.3922
CMYK	0.08, 0.21, 0.00, 0.39
HSL	276°, 14%, 55%
HSV	276°, 21%, 61%
XYZ	24.1547, 22.2833, 34.0384
YIQ	132.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

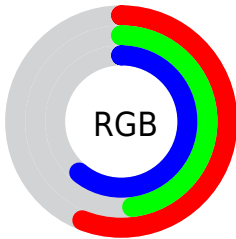
Format	Color
R_{YB}	142, 123, 155
Decimal	9337755
CIE _{Lab}	54.33, 13.58, -14.49
CIE _{LCh}	54, 19.853, 313.145
Yxy	22.2833, 0.3001, 0.2769
Android (android.graphics.Color)	4287527835 (0xFF8E7B9B)
YUV	132.3290, 11.1768, 8.4815
Hunter-Lab	47.2051, 8.7287, -9.7088

Details

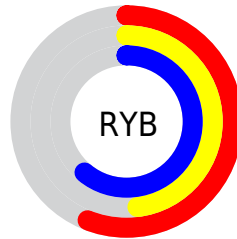
The RGB color `142, 123, 155` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `136, 155, 123`, and the grayscale version is `132, 132, 132`.

A 20% lighter version of the original color is `196, 176, 209`, and `91, 74, 104` is the 20% darker color. If you saturate the color by 10%, you get `136, 108, 155`, and if you desaturate by 10%, it is `148, 139, 155`.

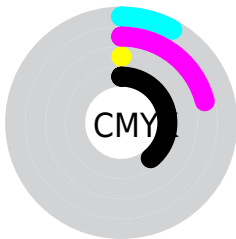
Distribution



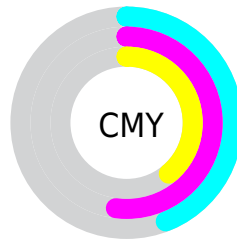
- Red (56%)
- Green (48%)
- Blue (61%)



- Red (56%)
- Yellow (48%)
- Blue (61%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)




- Cyan (44%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 123, 155 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 RGB color 142, 123, 155 by changing the saturation by 10% instead.


 142, 123, 155

255, 255, 255

 196, 176, 209


 224, 203, 238

 253, 231, 255

 142, 123, 155

 116, 98, 129

 91, 74, 104

 68, 51, 80

 45, 30, 57


 25, 7, 35


 0, 0, 11

 0, 0, 0

 142, 123, 155


 136, 108, 155


 142, 123, 155

 148, 139, 155

 129, 92, 155


 155, 154, 155

 123, 77, 155


 161, 170, 155

 117, 61, 155

 167, 185, 155

 111, 46, 155

 173, 201, 155

 104, 30, 155

 180, 216, 155

 98, 15, 155

 186, 232, 155

 92, 0, 155

 192, 247, 155

 199, 255, 155

Harmonies

Analogous

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



120, 129, 163



142, 123, 155



158, 119, 140

Triad

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



142, 123, 155



151, 126, 97



83, 140, 137

Complementary

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



142, 123, 155



136, 155, 123

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.



96, 139, 119



142, 123, 155



135, 131, 96

Square

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



142, 123, 155



162, 120, 107



116, 136, 105



82, 138, 153

Rectangle

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



142, 123, 155



164, 118, 129



116, 136, 105



86, 140, 131

Sweetspot

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



142, 123, 155



197, 189, 201



123, 136, 155



99, 95, 102



230, 230, 230



102, 102, 102

Same Dimension

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



142, 123, 155



181, 151, 201



155, 123, 152



73, 69, 77



83, 0, 140



8, 0, 13

Inverse Universe

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



155, 123, 136



201, 151, 172



123, 155, 126



77, 69, 72



140, 0, 57



13, 0, 5

Previews

White Background



This preview shows how the RGB color 142, 123, 155 looks on a white background.

Color Contrast Check

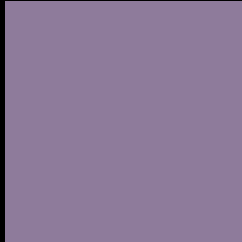
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 142, 123, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

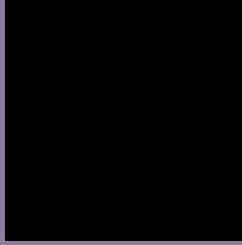
Any Text WCAG AA ✓ Pass

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](#).

RGB 142, 123, 155 Background



This preview shows how black text looks on a background with the RGB color 142, 123, 155.



This preview shows how white text looks on a background with the RGB color 142, 123, 155.

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
[142](#), [123](#), [155](#)

Protanopia
[123](#), [129](#), [159](#)

Deuteranopia
[131](#), [127](#), [154](#)



Tritanopia
139, 126, 136

Trichromacy



Original Color

142, 123, 155

Protanomaly

130, 127, 158

Deuteranomaly

135, 126, 154

Tritanomaly

140, 125, 143

Monochromacy



Original Color

142, 123, 155

Achromatopsia

132, 132, 132

Achromatomaly

136, 129, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 123, 155 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(142, 123, 155) looks like.

```
.text, #text, p{  
    color:rgb(142, 123, 155)  
}
```

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(142, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 123, 155) }
```

Border

The CSS property to change the border of an element to RGB 142, 123, 155 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(142, 123, 155) }
```

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

```
.border{ border-color:rgb(142, 123, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 123, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 123, 155); box-shadow:4px 4px 4px 4px rgb(142, 123, 155) }
```

Background

The CSS property to change the background color of an element to RGB 142, 123, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 123, 155) }
```

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

```
.background{ background-color: rgb(142,  
123, 155) }
```

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