

# Converting Colors

RGB(164, 123, 142)

Have a look what the booklet for  
RGB(164, 123, 142) contains.

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# Color

**RGB(164, 123, 142)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A47B8E
RGB	164, 123, 142
RGB Percent	64%, 48%, 56%
CMY	0.3569, 0.5176, 0.4431
CMYK	0.00, 0.25, 0.13, 0.36
HSL	332°, 18%, 56%
HSV	332°, 25%, 64%
XYZ	27.2753, 24.0114, 28.7883
YIQ	137.4250, 18.3370, 14.6010

# Conversions

## Conversions Part 2

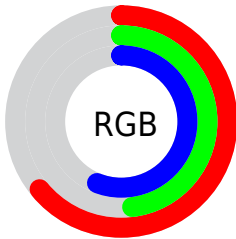
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 123, 142
Decimal	10779534
CIELab	56.10, 19.02, -4.06
CIELCh	56, 19.452, 347.963
Yxy	24.0114, 0.3406, 0.2999
Android (android.graphics.Color)	4288969614 (0xFFA47B8E)
YUV	137.4250, 2.2555, 23.3063
Hunter-Lab	49.0015, 13.6045, -0.5318

# Details

The RGB color **164, 123, 142** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123, 164, 145**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **219, 176, 196**, and **112, 74, 92** is the 20% darker color. If you saturate the color by 10%, you get **164, 107, 133**, and if you desaturate by 10%, it is **164, 139, 151**.

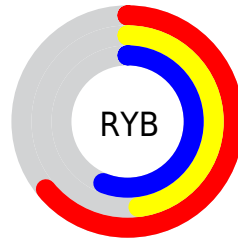
# Distribution



Red (64%)

Green (48%)

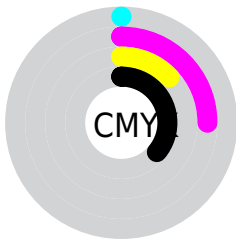
Blue (56%)



Red (64%)

Yellow (48%)

Blue (56%)

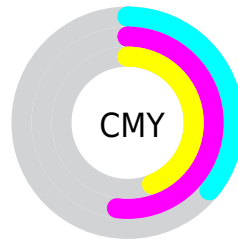


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (52%)


Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 164, 123, 142 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 164, 123, 142 by changing the saturation by 10% instead.




 164, 123, 142

255, 255, 255

 219, 176, 196

 248, 203, 224


 255, 232, 252

 164, 123, 142

 137, 98, 116

 112, 74, 92

 87, 51, 68

 63, 29, 46


 40, 7, 26

 6, 0, 0

 0, 0, 0

 164, 123, 142

 164, 107, 133

 164, 123, 142

 164, 139, 151

 164, 90, 124

 164, 156, 160

 164, 74, 116

 164, 172, 168

 164, 57, 107

 164, 189, 177

 164, 41, 98

 164, 205, 186

 164, 25, 89

 164, 221, 195

 164, 8, 80

 164, 238, 204

 164, 0, 76

 164, 254, 212

 164, 255, 221

# Harmonies

## Analogous

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



149, 127, 157



164, 123, 142



169, 123, 125

# Triad

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



164, 123, 142



136, 137, 102



89, 142, 159

# Complementary

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



164, 123, 142



123, 164, 145

# 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.



87, 144, 144



164, 123, 142



117, 141, 111

# Square

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



164, 123, 142



153, 131, 102



99, 144, 127



105, 138, 167

# Rectangle

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



164, 123, 142



168, 124, 114



99, 144, 127



87, 143, 155



# Sweetspot

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



164, 123, 142



214, 197, 205



145, 123, 164



107, 96, 101



235, 235, 235



107, 107, 107



# Same Dimension

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



164, 123, 142



214, 150, 180



164, 124, 123



82, 73, 77



145, 0, 67



18, 0, 8



# Inverse Universe

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



164, 123, 142



214, 150, 180



123, 163, 164



82, 73, 77



145, 0, 67

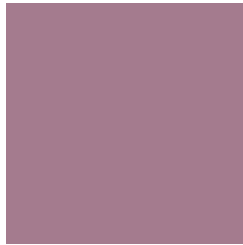


18, 0, 8



# Previews

## White Background



This preview shows how the RGB color 164, 123, 142 looks on a white background.

## Color Contrast Check

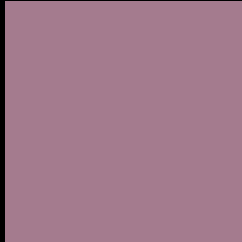
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 123, 142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

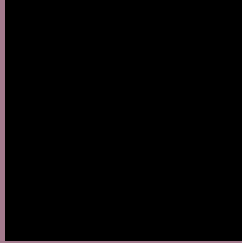
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 164, 123, 142 Background



This preview shows how black text looks on a background with the RGB color 164, 123, 142.



This preview shows how white text looks on a background with the RGB color 164, 123, 142.

# 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**  
164, 123, 142

**Protanopia**  
133, 134, 149

**Deuteranopia**  
145, 131, 141



**Tritanopia**  
163, 124, 134

# Trichromacy



**Original Color**

164, 123, 142

**Protanomaly**

144, 130, 146

**Deuteranomaly**

152, 128, 141

**Tritanomaly**

163, 124, 137

# Monochromacy



**Original Color**

164, 123, 142

**Achromatopsia**

137, 137, 137

**Achromatomaly**

147, 132, 139

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 164, 123, 142 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(164, 123, 142) looks like.

```
.text, #text, p{  
    color:rgb(164, 123, 142)  
}
```

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(164, 123, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 123, 142) }
```

## Border

The CSS property to change the border of an element to RGB 164, 123, 142 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(164, 123, 142) }
```

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

```
.border{ border-color:rgb(164, 123, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 123, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 123, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 123, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 123,  
142) }
```

# Background

The CSS property to change the background color of an element to RGB 164, 123, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 123, 142) }
```

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

```
.background{ background-color: rgb(164,  
123, 142) }
```

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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