

# Converting Colors

RGB(152, 69, 121)

Have a look what the booklet for  
RGB(152, 69, 121) contains.

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# Color

**RGB(152, 69, 121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	984579
RGB	152, 69, 121
RGB Percent	60%, 27%, 47%
CMY	0.4039, 0.7294, 0.5255
CMYK	0.00, 0.55, 0.20, 0.40
HSL	322°, 38%, 43%
HSV	322°, 55%, 60%
XYZ	18.5282, 12.3121, 19.4891
YIQ	99.7450, 32.7760, 33.7680

# Conversions

## Conversions Part 2

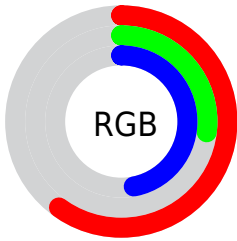
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 69, 121
Decimal	9979257
CIE <sub>Lab</sub>	41.71, 41.17, -13.22
CIE <sub>LCh</sub>	42, 43.242, 342.203
Yxy	12.3121, 0.3681, 0.2446
Android (android.graphics.Color)	4288169337 (0xFF984579)
YUV	99.7450, 10.4787, 45.8276
Hunter-Lab	35.0886, 32.8501, -8.3691

# Details

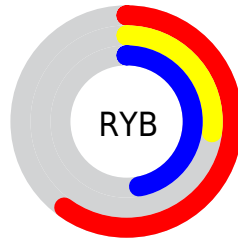
The RGB color **152, 69, 121** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **69, 152, 100**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **208, 121, 173**, and **98, 15, 72** is the 20% darker color. If you saturate the color by 10%, you get **152, 54, 115**, and if you desaturate by 10%, it is **152, 84, 127**.

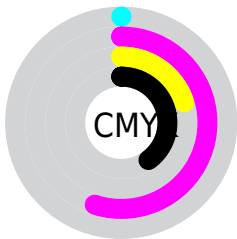
# Distribution



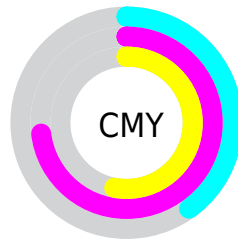
- Red (60%)
- Green (27%)
- Blue (47%)



- Red (60%)
- Yellow (27%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 152, 69, 121 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 152, 69, 121 by changing the saturation by 10% instead.



 152, 69, 121       152, 69, 121

255, 255, 255       125, 43, 96

 208, 121, 173       98, 15, 72

 237, 147, 201       73, 0, 50

 255, 175, 229       50, 0, 29

 255, 203, 255       14, 0, 0

 255, 231, 255       0, 0, 0

 152, 69, 121       152, 69, 121

 152, 54, 115       152, 84, 127

 152, 39, 110       152, 99, 132

152, 23, 104

152, 115, 138

152, 8, 98

152, 130, 144

152, 0, 95

152, 145, 149

152, 160, 155

152, 175, 161

152, 191, 166

152, 206, 172

# Harmonies

## Analogous

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



119, 83, 151



152, 69, 121



163, 65, 85

# Triad

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



152, 69, 121



103, 101, 21



0, 114, 145

# Complementary

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



152, 69, 121



69, 152, 100

# 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.



0, 116, 112



152, 69, 121



64, 110, 42

# Square

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



152, 69, 121



134, 89, 27



0, 114, 75



0, 108, 166

# Rectangle

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



152, 69, 121



160, 71, 63



0, 114, 75



0, 115, 135



# Sweetspot

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



152, 69, 121



196, 165, 185



99, 69, 152



99, 81, 92



227, 227, 227



99, 99, 99



# Same Dimension

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



152, 69, 121



196, 67, 148



152, 69, 80



77, 69, 74



140, 0, 88



13, 0, 8



# Inverse Universe

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



152, 69, 121



196, 67, 148



69, 152, 141



77, 69, 74



140, 0, 88

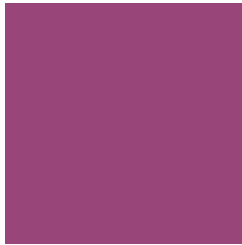


13, 0, 8



# Previews

## White Background



This preview shows how the RGB color 152, 69, 121 looks on a white background.

## Color Contrast Check

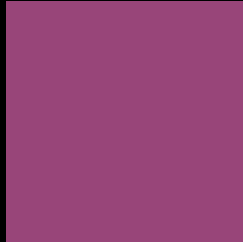
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 152, 69, 121 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

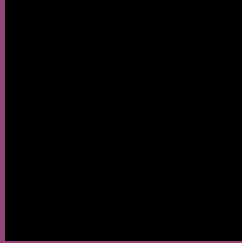
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## RGB 152, 69, 121 Background



This preview shows how black text looks on a background with the RGB color 152, 69, 121.

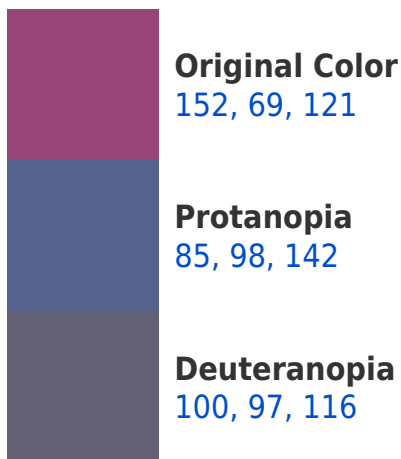


This preview shows how white text looks on a background with the RGB color 152, 69, 121.

# 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**  
148, 77, 83

# Trichromacy



**Original Color**  
152, 69, 121

**Protanomaly**  
109, 87, 134

**Deuteranomaly**  
119, 87, 118

**Tritanomaly**  
149, 74, 97

# Monochromacy



**Original Color**  
152, 69, 121

**Achromatopsia**  
100, 100, 100

**Achromatomaly**  
119, 89, 108

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 152, 69, 121 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(152, 69, 121)` looks like.

```
.text, #text, p{  
    color:rgb(152, 69, 121)  
}
```

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(152, 69, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 69, 121) }
```

## Border

The CSS property to change the border of an element to RGB 152, 69, 121 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(152, 69, 121) }
```

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

```
.border{ border-color:rgb(152, 69, 121) }
```

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

Here you see how a box with a 4 pixel rgb(152, 69, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 69, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 69, 121);  
box-shadow:4px 4px 4px 4px rgb(152, 69,  
121) }
```

# Background

The CSS property to change the background color of an element to RGB 152, 69, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 69, 121) }
```

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

```
.background{ background-color: rgb(152, 69,  
121) }
```

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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