

# Converting Colors

RGB(157, 101, 145)

Have a look what the booklet for  
RGB(157, 101, 145) contains.

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# Color

**RGB(157, 101, 145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D6591
RGB	157, 101, 145
RGB Percent	62%, 40%, 57%
CMY	0.3843, 0.6039, 0.4314
CMYK	0.00, 0.36, 0.08, 0.38
HSL	313°, 22%, 51%
HSV	313°, 36%, 62%
XYZ	23.6691, 18.5198, 29.1152
YIQ	122.7600, 19.2520, 25.5560

# Conversions

## Conversions Part 2

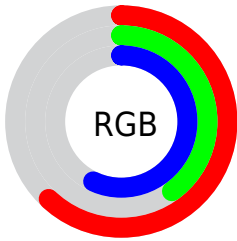
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 101, 145
Decimal	10315153
CIE <sub>Lab</sub>	50.12, 29.57, -14.85
CIE <sub>LCh</sub>	50, 33.087, 333.335
Yxy	18.5198, 0.3319, 0.2597
Android (android.graphics.Color)	4288505233 (0xFF9D6591)
YUV	122.7600, 10.9643, 30.0285
Hunter-Lab	43.0346, 22.8648, -9.9886

# Details

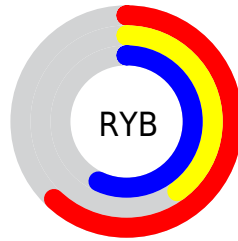
The RGB color **157, 101, 145** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **101, 157, 113**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **212, 153, 199**, and **104, 52, 94** is the 20% darker color. If you saturate the color by 10%, you get **157, 85, 142**, and if you desaturate by 10%, it is **157, 117, 148**.

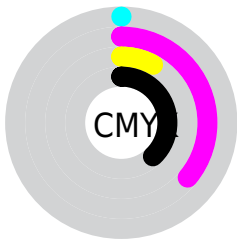
# Distribution



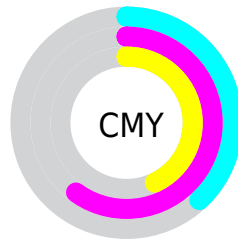
- Red (62%)
- Green (40%)
- Blue (57%)



- Red (62%)
- Yellow (40%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (43%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 157, 101, 145 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 157, 101, 145 by changing the saturation by 10% instead.



 157, 101, 145

255, 255, 255

 212, 153, 199

 241, 180, 227


 255, 208, 255

 255, 236, 255

 157, 101, 145

 130, 76, 119

 104, 52, 94

 79, 29, 71

 55, 5, 48


 37, 0, 28

 0, 0, 0

 157, 101, 145

 157, 85, 142

 157, 70, 138

 157, 101, 145

 157, 117, 148

 157, 132, 152

157, 54, 135

157, 148, 155

157, 38, 132

157, 164, 158

157, 22, 128

157, 179, 162

157, 7, 125

157, 195, 165

157, 0, 123

157, 211, 169

157, 227, 172

157, 242, 175

# Harmonies

## Analogous

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



126, 111, 166



157, 101, 145



172, 97, 117

# Triad

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



157, 101, 145



134, 119, 62



0, 133, 149

# Complementary

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



157, 101, 145



101, 157, 113

# 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.



12, 134, 122



157, 101, 145



104, 127, 71

# Square

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



157, 101, 145



157, 109, 69



69, 132, 93



1, 129, 169

# Rectangle

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



157, 101, 145



173, 98, 98



69, 132, 93



0, 134, 141



# Sweetspot

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



157, 101, 145



204, 182, 199



112, 101, 157



102, 89, 99



230, 230, 230



102, 102, 102



# Same Dimension

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



157, 101, 145



204, 116, 185



157, 101, 118



79, 71, 77



143, 0, 112



15, 0, 12



# Inverse Universe

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



157, 101, 145



204, 116, 185



101, 157, 140



79, 71, 77



143, 0, 112

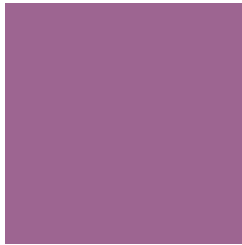


15, 0, 12



# Previews

## White Background



This preview shows how the RGB color 157, 101, 145 looks on a white background.

## Color Contrast Check

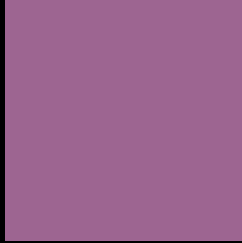
Large Text (above 18pt) WCAG AA ✓ Pass

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 157, 101, 145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

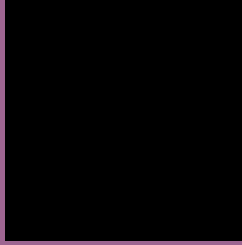
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 157, 101, 145 Background



This preview shows how black text looks on a background with the RGB color 157, 101, 145.

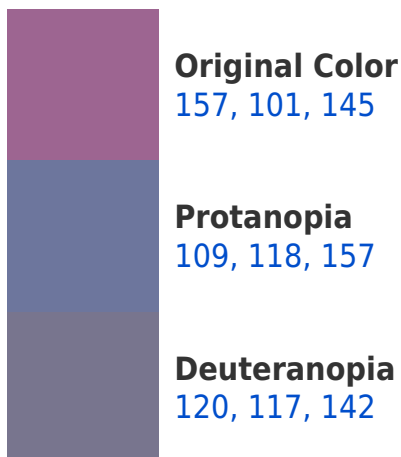


This preview shows how white text looks on a background with the RGB color 157, 101, 145.

# 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**  
153, 107, 115

# Trichromacy



**Original Color**  
157, 101, 145

**Protanomaly**  
126, 112, 153

**Deuteranomaly**  
133, 111, 143

**Tritanomaly**  
154, 105, 126

# Monochromacy



**Original Color**  
157, 101, 145

**Achromatopsia**  
123, 123, 123

**Achromatomaly**  
135, 115, 131

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 157, 101, 145 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(157, 101, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 101, 145)  
}
```

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(157, 101, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 101, 145) }
```

## Border

The CSS property to change the border of an element to RGB 157, 101, 145 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(157, 101, 145) }
```

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

```
.border{ border-color:rgb(157, 101, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 101, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 101, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 101, 145);  
box-shadow:4px 4px 4px 4px rgb(157, 101,  
145) }
```

# Background

The CSS property to change the background color of an element to RGB 157, 101, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 101, 145) }
```

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

```
.background{ background-color: rgb(157,  
101, 145) }
```

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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