

Converting Colors

RGB(157, 120, 187)

Have a look what the booklet for
RGB(157, 120, 187) contains.

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Color

RGB(157, 120, 187)

Conversions

Conversions Part 1

Format	Color
Hex	9D78BB
RGB	157, 120, 187
RGB Percent	62%, 47%, 73%
CMY	0.3843, 0.5294, 0.2667
CMYK	0.16, 0.36, 0.00, 0.27
HSL	273°, 33%, 60%
HSV	273°, 36%, 73%
XYZ	29.5907, 24.1889, 50.1230
YIQ	138.7010, 0.5450, 28.6810

Conversions

Conversions Part 2

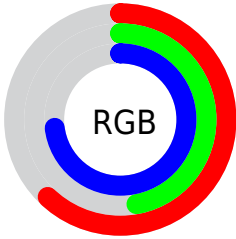
Format	Color
R_{YB}	157, 120, 187
Decimal	10320059
CIE _{Lab}	56.28, 27.34, -29.81
CIE _{LCh}	56, 40.451, 312.524
Yxy	24.1889, 0.2848, 0.2328
Android (android.graphics.Color)	4288510139 (0xFF9D78BB)
YUV	138.7010, 23.8114, 16.0482
Hunter-Lab	49.1822, 21.3266, -25.9966

Details

The RGB color **157, 120, 187** is a light color, and the websafe version is hex **996699**. A complement of this color would be **150, 187, 120**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **212, 173, 243**, and **104, 71, 133** is the 20% darker color. If you saturate the color by 10%, you get **149, 101, 187**, and if you desaturate by 10%, it is **165, 139, 187**.

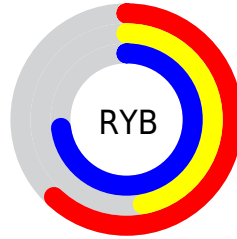
Distribution



Red (62%)

Green (47%)

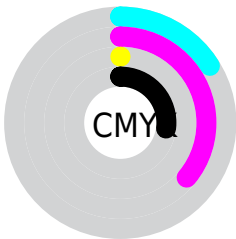
Blue (73%)



Red (62%)

Yellow (47%)

Blue (73%)

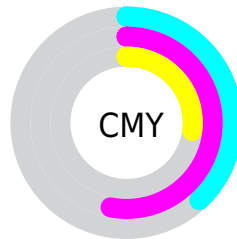


Cyan (16%)

Magenta (36%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (53%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RGB color 157, 120, 187 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, 120, 187 by changing the saturation by 10% instead.

 157, 120, 187

255, 255, 255

 212, 173, 243

 241, 200, 255

 255, 228, 255


 157, 120, 187

 130, 95, 160

 104, 71, 133

 79, 48, 108


 55, 25, 83


 31, 3, 60

 0, 0, 38

 0, 1, 14


 0, 0, 0

 157, 120, 187

 157, 120, 187


 149, 101, 187

 165, 139, 187


 140, 83, 187


 174, 157, 187

 132, 64, 187

 182, 176, 187

 124, 45, 187

 190, 195, 187

 115, 27, 187

 199, 213, 187

 107, 8, 187

 207, 232, 187

 103, 0, 187

 216, 251, 187

 224, 255, 187

 232, 255, 187

Harmonies

Analogous

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



104, 134, 203



157, 120, 187



190, 109, 157

Triad

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



157, 120, 187



174, 126, 67



0, 153, 149

Complementary

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



157, 120, 187



150, 187, 120

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.



51, 152, 113



157, 120, 187



142, 138, 64

Square

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



157, 120, 187



195, 113, 89



103, 146, 81



0, 151, 181

Rectangle

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



157, 120, 187



200, 106, 133



103, 146, 81



0, 153, 137

Sweetspot

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



157, 120, 187



230, 216, 242



120, 150, 187



115, 106, 122



250, 250, 250



122, 122, 122

Same Dimension

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



157, 120, 187



196, 138, 242



187, 120, 184



90, 85, 94



87, 0, 158



17, 0, 31

Inverse Universe

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



187, 120, 150



242, 138, 185



120, 187, 123



94, 85, 89



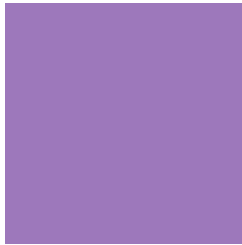
158, 0, 71



31, 0, 14

Previews

White Background



This preview shows how the RGB color 157, 120, 187 looks on a white background.

Color Contrast Check

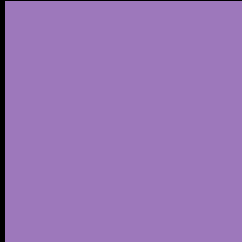
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

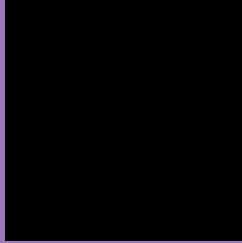
Any Text WCAG AA ✓ Pass

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, 120, 187 Background



This preview shows how black text looks on a background with the RGB color 157, 120, 187.



This preview shows how white text looks on a background with the RGB color 157, 120, 187.

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
157, 120, 187

Protanopia
114, 133, 197

Deuteranopia
120, 133, 184



Tritanopia
149, 130, 140

Trichromacy



Original Color
157, 120, 187

Protanomaly
130, 128, 193

Deuteranomaly
133, 128, 185

Tritanomaly
152, 126, 157

Monochromacy



Original Color
157, 120, 187

Achromatopsia
139, 139, 139

Achromatomaly
146, 132, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 120, 187 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, 120, 187)` looks like.

```
.text, #text, p{  
  color:rgb(157, 120, 187)  
}
```

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, 120, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 120, 187) }
```

Border

The CSS property to change the border of an element to RGB 157, 120, 187 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, 120, 187) }
```

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

```
.border{ border-color:rgb(157, 120, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 120, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 120, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 120, 187); box-shadow:4px 4px 4px 4px rgb(157, 120, 187) }
```

Background

The CSS property to change the background color of an element to RGB 157, 120, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 120, 187) }
```

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

```
.background{ background-color: rgb(157,  
120, 187) }
```

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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