

Converting Colors

RGB(153, 125, 187)

Have a look what the booklet for
RGB(153, 125, 187) contains.

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Color

RGB(153, 125, 187)

Conversions

Conversions Part 1

Format	Color
Hex	997DBB
RGB	153, 125, 187
RGB Percent	60%, 49%, 73%
CMY	0.4000, 0.5098, 0.2667
CMYK	0.18, 0.33, 0.00, 0.27
HSL	267°, 31%, 61%
HSV	267°, 33%, 73%
XYZ	29.4401, 25.0274, 50.2928
YIQ	140.4400, -3.2140, 25.2180

Conversions

Conversions Part 2

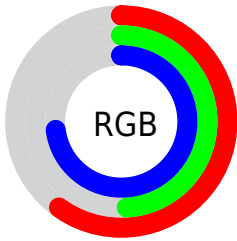
Format	Color
RYB	153, 125, 187
Decimal	10059195
CIELab	57.10, 23.21, -28.56
CIElCh	57, 36.802, 309.092
Yxy	25.0274, 0.2810, 0.2389
Android (android.graphics.Color)	4288249275 (0xFF997DBB)
YUV	140.4400, 22.9541, 11.0151
Hunter-Lab	50.0274, 17.4958, -24.5854

Details

The RGB color **153, 125, 187** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159, 187, 125**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **208, 178, 243**, and **101, 76, 134** is the 20% darker color. If you saturate the color by 10%, you get **143, 106, 187**, and if you desaturate by 10%, it is **163, 144, 187**.

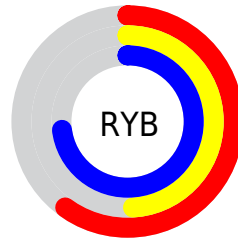
Distribution



Red (60%)

Green (49%)

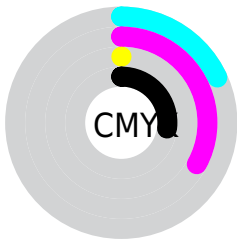
Blue (73%)



Red (60%)

Yellow (49%)

Blue (73%)

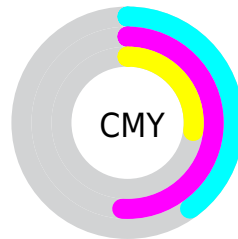


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 125, 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 153, 125, 187 by changing the saturation by 10% instead.

 153, 125, 187


255, 255, 255


 208, 178, 243

 237, 205, 255

 255, 234, 255


 153, 125, 187

 127, 100, 160

 101, 76, 134

 76, 53, 108

 52, 31, 83

 28, 10, 60

 0, 0, 38

 0, 1, 15

 0, 0, 0

 153, 125, 187


 153, 125, 187

 143, 106, 187

 163, 144, 187

 132, 88, 187


 174, 162, 187

 122, 69, 187


 184, 181, 187

 112, 50, 187


 194, 200, 187

 102, 31, 187

 204, 219, 187

 91, 13, 187

 215, 237, 187

 84, 0, 187

 225, 255, 187

 235, 255, 187

 245, 255, 187

Harmonies

Analogous

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



104, 137, 200



153, 125, 187



185, 115, 161

Triad

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



153, 125, 187



176, 127, 77



0, 154, 146

Complementary

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



153, 125, 187



159, 187, 125

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.



71, 152, 113



153, 125, 187



148, 138, 72

Square

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



153, 125, 187



194, 117, 98



113, 147, 86



0, 152, 177

Rectangle

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



153, 125, 187



196, 111, 139



113, 147, 86



29, 154, 135

Sweetspot

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



153, 125, 187



229, 218, 242



125, 159, 187



114, 108, 122



250, 250, 250



122, 122, 122

Same Dimension

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



153, 125, 187



189, 145, 242



184, 125, 187



89, 85, 94



71, 0, 158



14, 0, 31

Inverse Universe

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



187, 125, 159



242, 145, 198



128, 187, 125



94, 85, 90



158, 0, 87



31, 0, 17

Previews

White Background



This preview shows how the RGB color 153, 125, 187 looks on a white background.

Color Contrast Check

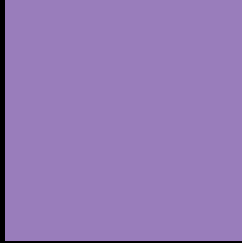
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 125, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

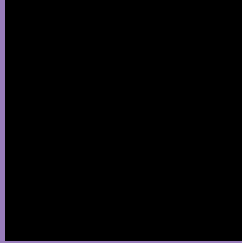
Any Text WCAG AA ✓ Pass

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 153, 125, 187 Background



This preview shows how black text looks on a background with the RGB color 153, 125, 187.

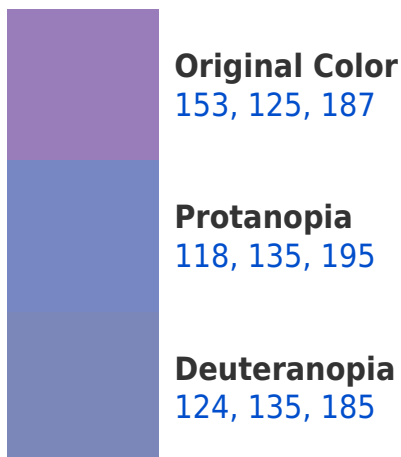



This preview shows how white text looks on a background with the RGB color 153, 125, 187.

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





Tritanopia
146, 134, 144

Trichromacy



Original Color
153, 125, 187

Protanomaly
131, 131, 192

Deuteranomaly
135, 131, 186

Tritanomaly
149, 131, 160

Monochromacy



Original Color
153, 125, 187

Achromatopsia
140, 140, 140

Achromatomaly
145, 135, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 125, 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(153, 125, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 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(153, 125, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 187) }
```

Border

The CSS property to change the border of an element to RGB 153, 125, 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(153, 125, 187) }
```

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

```
.border{ border-color:rgb(153, 125, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 125, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 153, 125, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 187) }
```

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

```
.background{ background-color: rgb(153,  
125, 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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