

Converting Colors

RGB(153, 137, 175)

Have a look what the booklet for
RGB(153, 137, 175) contains.

RGB(153, 137, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(153, 137, 175)

Conversions

Conversions Part 1

Format	Color
Hex	9989AF
RGB	153, 137, 175
RGB Percent	60%, 54%, 69%
CMY	0.4000, 0.4627, 0.3137
CMYK	0.13, 0.22, 0.00, 0.31
HSL	265°, 19%, 61%
HSV	265°, 22%, 69%
XYZ	29.8204, 27.7588, 44.3437
YIQ	146.1160, -2.6620, 15.2100

Conversions

Conversions Part 2

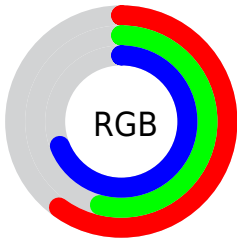
Format	Color
RYB	153, 137, 175
Decimal	10062255
CIELab	59.67, 13.59, -17.78
CIELCh	60, 22.379, 307.384
Yxy	27.7588, 0.2926, 0.2724
Android (android.graphics.Color)	4288252335 (0xFF9989AF)
YUV	146.1160, 14.2398, 6.0373
Hunter-Lab	52.6866, 8.8287, -13.0209

Details

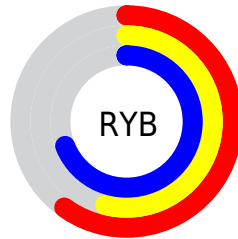
The RGB color **153, 137, 175** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159, 175, 137**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **208, 190, 231**, and **102, 87, 122** is the 20% darker color. If you saturate the color by 10%, you get **143, 120, 175**, and if you desaturate by 10%, it is **163, 155, 175**.

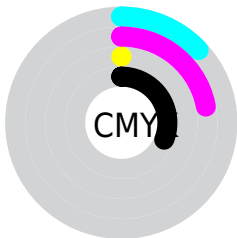
Distribution



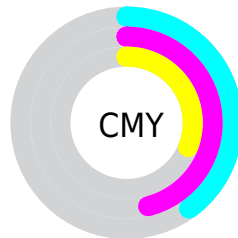
- Red (60%)
- Green (54%)
- Blue (69%)



- Red (60%)
- Yellow (54%)
- Blue (69%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 137, 175 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, 137, 175 by changing the saturation by 10% instead.


 153, 137, 175


255, 255, 255

 208, 190, 231

 236, 218, 255

 255, 247, 255

 153, 137, 175

 127, 112, 148

 102, 87, 122

 77, 64, 98

 54, 42, 74


 32, 21, 51

 12, 0, 30

 0, 0, 0

 153, 137, 175


 143, 120, 175


 153, 137, 175


 163, 155, 175

 133, 102, 175

 173, 172, 175

 123, 85, 175

 183, 189, 175

 112, 67, 175


 194, 207, 175

 102, 49, 175


 204, 225, 175

 92, 32, 175

 214, 242, 175

 82, 14, 175

 224, 255, 175

 74, 0, 175

 234, 255, 175

 244, 255, 175

Harmonies

Analogous

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



126, 144, 182



153, 137, 175



173, 131, 159

Triad

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



153, 137, 175



171, 137, 108



91, 155, 148

Complementary

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



153, 137, 175



159, 175, 137

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.



109, 154, 128



153, 137, 175



153, 144, 105

Square

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



153, 137, 175



182, 132, 121



131, 150, 112



86, 154, 167

Rectangle

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



153, 137, 175



181, 130, 146



131, 150, 112



96, 155, 141

Sweetspot

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



153, 137, 175



218, 211, 227



137, 159, 175



109, 106, 115



242, 242, 242



115, 115, 115

Same Dimension

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



153, 137, 175



193, 168, 227



172, 137, 175



82, 78, 87



63, 0, 150



10, 0, 23

Inverse Universe

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



175, 137, 159



227, 168, 202



140, 175, 137



87, 78, 83



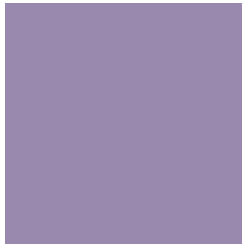
150, 0, 87



23, 0, 13

Previews

White Background



This preview shows how the RGB color 153, 137, 175 looks on a white background.

Color Contrast Check

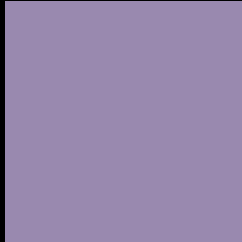
Large Text (above 18pt) WCAG AA ✓ Pass

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, 137, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

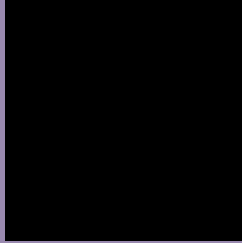
Any Text WCAG AA ✓ Pass

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, 137, 175 Background



This preview shows how black text looks on a background with the RGB color 153, 137, 175.



This preview shows how white text looks on a background with the RGB color 153, 137, 175.

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


153, 137, 175

Protanopia

135, 142, 179

Deuteranopia

143, 141, 174



Tritanopia
149, 141, 152

Trichromacy



Original Color
153, 137, 175

Protanomaly
142, 140, 178

Deuteranomaly
147, 140, 174

Tritanomaly
150, 140, 160

Monochromacy



Original Color
153, 137, 175

Achromatopsia
146, 146, 146

Achromatomaly
149, 143, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 137, 175 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, 137, 175)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 175)  
}
```

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, 137, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 175) }
```

Border

The CSS property to change the border of an element to RGB 153, 137, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

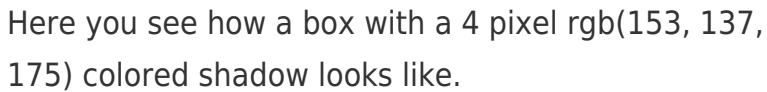
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 137, 175) }
```

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

```
.border{ border-color:rgb(153, 137, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 137, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 175);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 153, 137, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 175) }
```

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

```
.background{ background-color: rgb(153,  
137, 175) }
```

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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