

Converting Colors

RGB(153, 109, 227)

Have a look what the booklet for
RGB(153, 109, 227) contains.

RGB(153, 109, 227)	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, 109, 227)

Conversions

Conversions Part 1

Format	Color
Hex	996DE3
RGB	153, 109, 227
RGB Percent	60%, 43%, 89%
CMY	0.4000, 0.5725, 0.1098
CMYK	0.33, 0.52, 0.00, 0.11
HSL	262°, 68%, 66%
HSV	262°, 52%, 89%
XYZ	32.4706, 23.2556, 75.4504
YIQ	135.6080, -11.6540, 46.0260

Conversions

Conversions Part 2

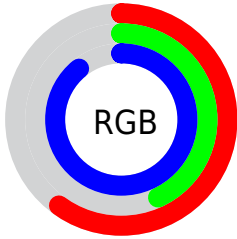
Format	Color
RYB	153, 109, 227
Decimal	10055139
CIELab	55.33, 42.06, -53.99
CIELCh	55, 68.438, 307.916
Yxy	23.2556, 0.2475, 0.1773
Android (android.graphics.Color)	4288245219 (0xFF996DE3)
YUV	135.6080, 45.0563, 15.2528
Hunter-Lab	48.2241, 35.7969, -59.0071

Details

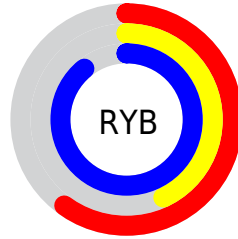
The RGB color **153, 109, 227** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **183, 227, 109**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **210, 162, 255**, and **97, 59, 171** is the 20% darker color. If you saturate the color by 10%, you get **139, 86, 227**, and if you desaturate by 10%, it is **167, 132, 227**.

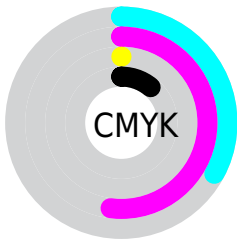
Distribution



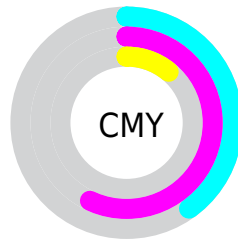
- Red (60%)
- Green (43%)
- Blue (89%)



- Red (60%)
- Yellow (43%)
- Blue (89%)



- Cyan (33%)
- Magenta (52%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (57%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 153, 109, 227 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, 109, 227 by changing the saturation by 10% instead.

 153, 109, 227

255, 255, 255

 210, 162, 255

 240, 189, 255

 255, 217, 255


 255, 246, 255

 153, 109, 227

 125, 84, 199

 97, 59, 171

 69, 36, 144

 40, 10, 118

 0, 0, 92

 0, 0, 68

 0, 3, 44

 0, 1, 23

 0, 0, 0

■ 153, 109, 227

■ 153, 109, 227

■ 139, 86, 227

■ 167, 132, 227

■ 125, 64, 227

■ 181, 154, 227

■ 110, 41, 227

■ 196, 177, 227

■ 96, 18, 227

■ 210, 200, 227

■ 85, 0, 227

■ 224, 222, 227

■ 238, 245, 227

■ 253, 255, 227

■ 255, 255, 227

Harmonies

Analogous

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



0, 135, 251



153, 109, 227



215, 79, 178

Triad

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



153, 109, 227



194, 113, 0



0, 159, 147

Complementary

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



153, 109, 227



183, 227, 109

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, 156, 85



153, 109, 227



145, 135, 0

Square

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



153, 109, 227



227, 85, 62



80, 149, 21



0, 158, 204

Rectangle

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



153, 109, 227



233, 67, 139



80, 149, 21



0, 159, 126

Sweetspot

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



153, 109, 227



229, 214, 255



109, 184, 227



112, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



153, 109, 227



156, 97, 255



211, 109, 227



108, 103, 115



67, 0, 179



19, 0, 51

Inverse Universe

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



227, 109, 183



255, 97, 196



125, 227, 109



115, 103, 110



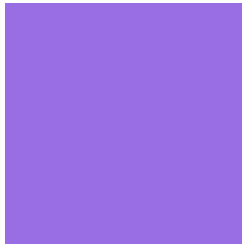
179, 0, 112



51, 0, 32

Previews

White Background



This preview shows how the RGB color 153, 109, 227 looks on a white background.

Color Contrast Check

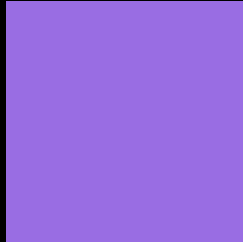
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

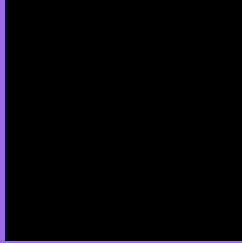
Any Text WCAG AA ✓ Pass

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, 109, 227 Background



This preview shows how black text looks on a background with the RGB color 153, 109, 227.

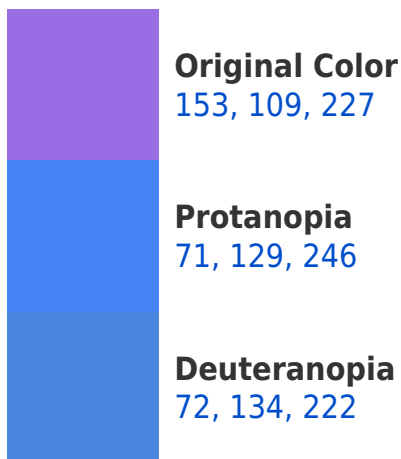



This preview shows how white text looks on a background with the RGB color 153, 109, 227.

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
136, 130, 141

Trichromacy



Original Color
153, 109, 227



Protanomaly
101, 122, 239



Deuteranomaly
101, 125, 224



Tritanomaly
142, 122, 172

Monochromacy



Original Color
153, 109, 227



Achromatopsia
136, 136, 136



Achromatomaly
142, 126, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 109, 227 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, 109, 227)` looks like.

```
.text, #text, p{  
    color:rgb(153, 109, 227)  
}
```

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, 109, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 109, 227) }
```

Border

The CSS property to change the border of an element to RGB 153, 109, 227 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, 109, 227) }
```

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

```
.border{ border-color:rgb(153, 109, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 109, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 109, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 109, 227);  
box-shadow:4px 4px 4px 4px rgb(153, 109,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 153, 109, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 109, 227) }
```

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

```
.background{ background-color: rgb(153,  
109, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor