

Converting Colors

RGB(153, 79, 166)

Have a look what the booklet for
RGB(153, 79, 166) contains.

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Color

RGB(153, 79, 166)

Conversions

Conversions Part 1

Format	Color
Hex	994FA6
RGB	153, 79, 166
RGB Percent	60%, 31%, 65%
CMY	0.4000, 0.6902, 0.3490
CMYK	0.08, 0.52, 0.00, 0.35
HSL	291°, 36%, 48%
HSV	291°, 52%, 65%
XYZ	22.8158, 15.1174, 37.7918
YIQ	111.0440, 16.1770, 42.7450

Conversions

Conversions Part 2

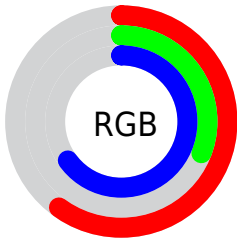
Format	Color
R_{YB}	153, 79, 166
Decimal	10047398
CIE _{Lab}	45.79, 44.39, -34.01
CIE _{LCh}	46, 55.920, 322.539
Yxy	15.1174, 0.3013, 0.1996
Android (android.graphics.Color)	4288237478 (0xFF994FA6)
YUV	111.0440, 27.0933, 36.7954
Hunter-Lab	38.8812, 36.7033, -30.4121

Details

The RGB color **153, 79, 166** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **92, 166, 79**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **209, 131, 221**, and **99, 27, 114** is the 20% darker color. If you saturate the color by 10%, you get **151, 62, 166**, and if you desaturate by 10%, it is **155, 96, 166**.

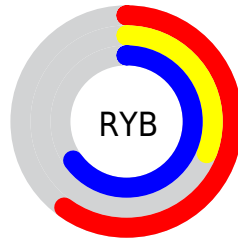
Distribution



Red (60%)

Green (31%)

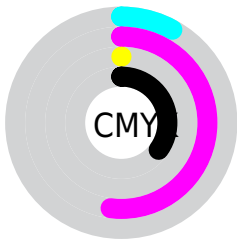
Blue (65%)



Red (60%)

Yellow (31%)

Blue (65%)

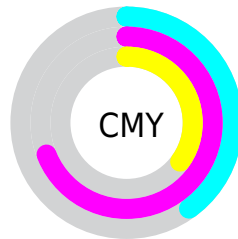


Cyan (8%)

Magenta (52%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 79, 166 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, 79, 166 by changing the saturation by 10% instead.



153, 79, 166



153, 79, 166

255, 255, 255



126, 54, 139



209, 131, 221



99, 27, 114



238, 158, 250



74, 0, 89



255, 186, 255



49, 0, 65



255, 214, 255



25, 0, 42



255, 243, 255



0, 1, 20



0, 0, 0



153, 79, 166



153, 79, 166



151, 62, 166





155, 96, 166

 148, 46, 166

 158, 112, 166

 146, 29, 166


 160, 129, 166


 143, 13, 166

 163, 145, 166

 141, 0, 166

 165, 162, 166

 168, 179, 166

 170, 195, 166

 173, 212, 166

 175, 228, 166

Harmonies

Analogous

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



83, 101, 195



153, 79, 166



186, 61, 122

Triad

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



153, 79, 166



140, 102, 0



0, 130, 143

Complementary

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



153, 79, 166



92, 166, 79

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, 129, 95



153, 79, 166



97, 117, 0

Square

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



153, 79, 166



173, 82, 33



27, 125, 47



0, 127, 182

Rectangle

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



153, 79, 166



192, 60, 91



27, 125, 47



0, 130, 127

Sweetspot

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



153, 79, 166



212, 182, 217



79, 92, 166



107, 89, 110



237, 237, 237



110, 110, 110

Same Dimension

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



153, 79, 166



196, 80, 217



166, 79, 136



83, 76, 84



126, 0, 148



17, 0, 20

Inverse Universe

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



166, 79, 92



217, 80, 101



79, 166, 109



84, 76, 77



148, 0, 22



20, 0, 3

Previews

White Background



This preview shows how the RGB color 153, 79, 166 looks on a white 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

Black Background



This preview shows how the RGB color 153, 79, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

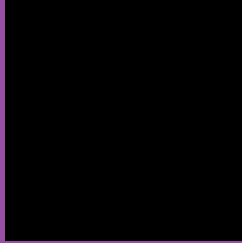
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 153, 79, 166 Background



This preview shows how black text looks on a background with the RGB color 153, 79, 166.

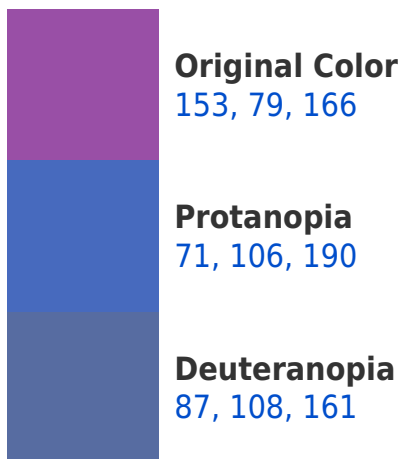


This preview shows how white text looks on a background with the RGB color 153, 79, 166.

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
144, 95, 102

Trichromacy



Original Color
153, 79, 166

Protanomaly
101, 96, 181

Deuteranomaly
111, 97, 163

Tritanomaly
147, 89, 125

Monochromacy



Original Color
153, 79, 166

Achromatopsia
111, 111, 111

Achromatomaly
126, 99, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 79, 166 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, 79, 166)` looks like.

```
.text, #text, p{  
    color:rgb(153, 79, 166)  
}
```

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, 79, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 79, 166) }
```

Border

The CSS property to change the border of an element to RGB 153, 79, 166 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, 79, 166) }
```

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

```
.border{ border-color:rgb(153, 79, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 79, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 79, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 79, 166);  
box-shadow:4px 4px 4px 4px rgb(153, 79,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 153, 79, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 79, 166) }
```

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

```
.background{ background-color: rgb(153, 79,  
166) }
```

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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