

Converting Colors

RGB(152, 83, 201)

Have a look what the booklet for
RGB(152, 83, 201) contains.

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Color

RGB(152, 83, 201)

Conversions

Conversions Part 1

Format	Color
Hex	9853C9
RGB	152, 83, 201
RGB Percent	60%, 33%, 79%
CMY	0.4039, 0.6745, 0.2118
CMYK	0.24, 0.59, 0.00, 0.21
HSL	275°, 52%, 56%
HSV	275°, 59%, 79%
XYZ	26.5848, 17.0790, 57.1537
YIQ	117.0830, 3.2460, 51.3260

Conversions

Conversions Part 2

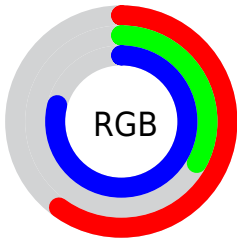
Format	Color
R_{YB}	152, 83, 201
Decimal	9982921
CIE _{Lab}	48.36, 49.58, -50.37
CIE _{LCh}	48, 70.676, 314.547
Yxy	17.0790, 0.2637, 0.1694
Android (android.graphics.Color)	4288173001 (0xFF9853C9)
YUV	117.0830, 41.3711, 30.6222
Hunter-Lab	41.3267, 42.5043, -53.0678

Details

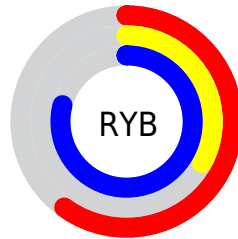
The RGB color **152, 83, 201** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **132, 201, 83**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **209, 135, 255**, and **97, 31, 146** is the 20% darker color. If you saturate the color by 10%, you get **144, 63, 201**, and if you desaturate by 10%, it is **160, 103, 201**.

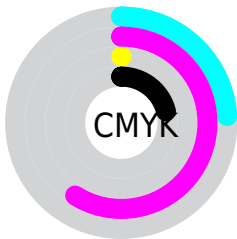
Distribution



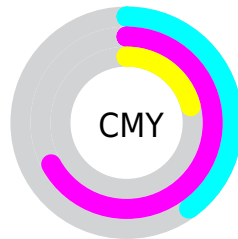
- Red (60%)
- Green (33%)
- Blue (79%)



- Red (60%)
- Yellow (33%)
- Blue (79%)



- Cyan (24%)
- Magenta (59%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (67%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 152, 83, 201 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 152, 83, 201 by changing the saturation by 10% instead.

 152, 83, 201

255, 255, 255

 209, 135, 255

 238, 163, 255

 255, 190, 255

 255, 219, 255

 255, 248, 255

 152, 83, 201

 124, 57, 173

 97, 31, 146

 70, 0, 120

 42, 0, 94

 16, 0, 70

 0, 4, 47

 0, 1, 25

 0, 0, 0

 152, 83, 201

 152, 83, 201

■ 144, 63, 201

■ 160, 103, 201

■ 135, 43, 201

■ 169, 123, 201

■ 127, 23, 201

■ 177, 143, 201

■ 119, 3, 201

■ 185, 163, 201

■ 118, 0, 201

■ 194, 184, 201

■ 202, 204, 201

■ 210, 224, 201

■ 219, 244, 201

■ 227, 255, 201

Harmonies

Analogous

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



0, 112, 232



152, 83, 201



204, 47, 148

Triad

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



152, 83, 201



164, 101, 0



0, 141, 143

Complementary

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



152, 83, 201



132, 201, 83

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, 139, 81



152, 83, 201



113, 121, 0

Square

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



152, 83, 201



202, 71, 31



31, 133, 7



0, 139, 198

Rectangle

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



152, 83, 201



217, 35, 108



31, 133, 7



0, 140, 123

Sweetspot

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



152, 83, 201



236, 209, 255



83, 132, 201



116, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 83, 201



181, 77, 255



201, 83, 191



95, 90, 99



95, 0, 163



21, 0, 36

Inverse Universe

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



201, 83, 132



255, 77, 151



83, 201, 93



99, 90, 94



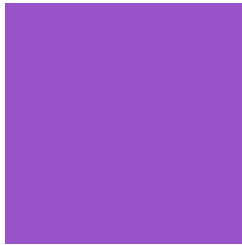
163, 0, 68



36, 0, 15

Previews

White Background



This preview shows how the RGB color 152, 83, 201 looks on a white background.

Color Contrast Check

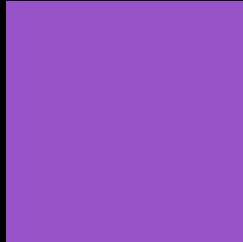
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 83, 201 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 152, 83, 201 Background



This preview shows how black text looks on a background with the RGB color 152, 83, 201.

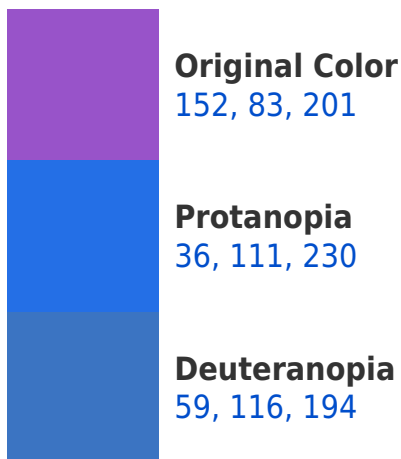


This preview shows how white text looks on a background with the RGB color 152, 83, 201.

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
138, 107, 115

Trichromacy



Original Color

152, 83, 201



Protanomaly

78, 101, 219



Deuteranomaly

93, 104, 197



Tritanomaly

143, 98, 146

Monochromacy



Original Color

152, 83, 201



Achromatopsia

117, 117, 117



Achromatomaly

130, 105, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 83, 201 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(152, 83, 201)` looks like.

```
.text, #text, p{  
    color:rgb(152, 83, 201)  
}
```

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(152, 83, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 83, 201) }
```

Border

The CSS property to change the border of an element to RGB 152, 83, 201 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(152, 83, 201) }
```

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

```
.border{ border-color:rgb(152, 83, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 83, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 83, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 83, 201);  
box-shadow:4px 4px 4px 4px rgb(152, 83,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 152, 83, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 83, 201) }
```

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

```
.background{ background-color: rgb(152, 83,  
201) }
```

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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