

Converting Colors

RGB(152, 123, 246)

Have a look what the booklet for
RGB(152, 123, 246) contains.

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Color

RGB(152, 123, 246)

Conversions

Conversions Part 1

Format	Color
Hex	987BF6
RGB	152, 123, 246
RGB Percent	60%, 48%, 96%
CMY	0.4039, 0.5176, 0.0353
CMYK	0.38, 0.50, 0.00, 0.04
HSL	254°, 87%, 72%
HSV	254°, 50%, 96%
XYZ	36.6664, 27.4951, 90.5633
YIQ	145.6930, -22.1990, 44.4010

Conversions

Conversions Part 2

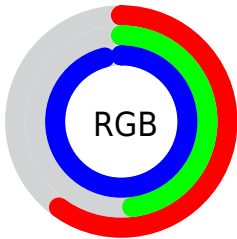
Format	Color
R_{YB}	152, 123, 246
Decimal	9993206
CIE _{Lab}	59.43, 38.85, -58.04
CIE _{LCh}	59, 69.841, 303.801
Yxy	27.4951, 0.2370, 0.1777
Android (android.graphics.Color)	4288183286 (0xFF987BF6)
YUV	145.6930, 49.4514, 5.5312
Hunter-Lab	52.4358, 33.0557, -65.6963

Details

The RGB color **152, 123, 246** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **217, 246, 123**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **210, 176, 255**, and **95, 73, 189** is the 20% darker color. If you saturate the color by 10%, you get **133, 98, 246**, and if you desaturate by 10%, it is **171, 148, 246**.

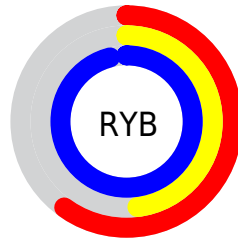
Distribution



Red (60%)

Green (48%)

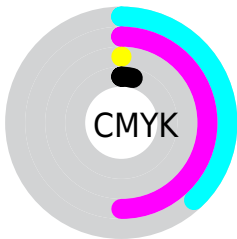
Blue (96%)



Red (60%)

Yellow (48%)

Blue (96%)

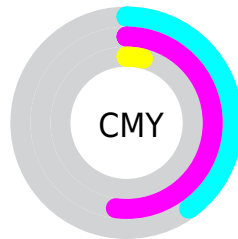


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (40%)


Magenta (52%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 152, 123, 246 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, 123, 246 by changing the saturation by 10% instead.

 152, 123, 246

255, 255, 255

 210, 176, 255

 240, 204, 255

 255, 232, 255

 152, 123, 246

 124, 98, 217

 95, 73, 189

 66, 50, 161

 32, 27, 135


 0, 5, 108


 0, 0, 84

 0, 6, 59


 0, 2, 37

 0, 1, 13


 152, 123, 246

 152, 123, 246


 133, 98, 246

 171, 148, 246

 114, 74, 246


 190, 172, 246

 96, 49, 246

 208, 197, 246

 77, 25, 246

 227, 221, 246

 58, 0, 246

 246, 246, 246

 255, 255, 246

Harmonies

Analogous

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



0, 148, 255



152, 123, 246



222, 93, 198

Triad

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



152, 123, 246



213, 119, 20



0, 171, 149

Complementary

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



152, 123, 246



217, 246, 123

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, 167, 86



152, 123, 246



164, 143, 0

Square

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



152, 123, 246



245, 91, 78



101, 159, 21



0, 170, 210

Rectangle

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



152, 123, 246



245, 79, 159



101, 159, 21



0, 170, 128

Sweetspot

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



152, 123, 246



226, 217, 255



123, 217, 246



110, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 123, 246



138, 102, 255



213, 123, 246



113, 110, 122



44, 0, 186



14, 0, 59

Inverse Universe

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



246, 123, 217



255, 102, 219



156, 246, 123



122, 110, 120



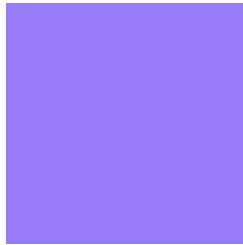
186, 0, 142



59, 0, 45

Previews

White Background



This preview shows how the RGB color 152, 123, 246 looks on a white background.

Color Contrast Check

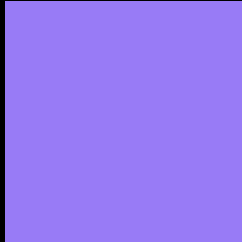
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 123, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

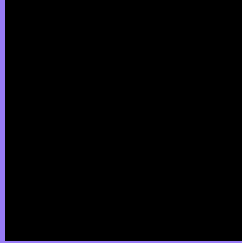
Any Text WCAG AA ✓ Pass

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 152, 123, 246 Background



This preview shows how black text looks on a background with the RGB color 152, 123, 246.

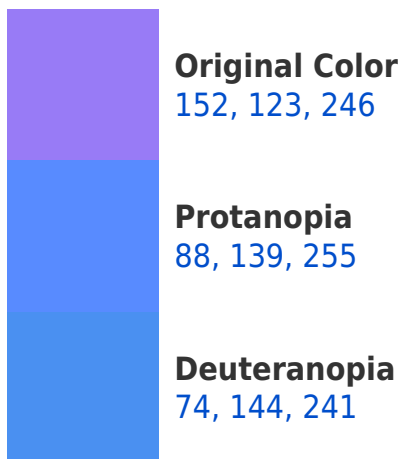


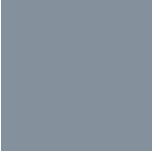
This preview shows how white text looks on a background with the RGB color 152, 123, 246.

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

132, 145, 156

Trichromacy



Original Color

152, 123, 246



Protanomaly

111, 133, 252



Deuteranomaly

102, 136, 243



Tritanomaly

139, 137, 189

Monochromacy



Original Color

152, 123, 246



Achromatopsia

146, 146, 146



Achromatomaly

148, 138, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 123, 246 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, 123, 246)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 246)  
}
```

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, 123, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 246) }
```

Border

The CSS property to change the border of an element to RGB 152, 123, 246 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, 123, 246) }
```

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

```
.border{ border-color:rgb(152, 123, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 123, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 246);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 152, 123, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 246) }
```

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

```
.background{ background-color: rgb(152,  
123, 246) }
```

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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