

# Converting Colors

RGB(152, 132, 220)

Have a look what the booklet for  
RGB(152, 132, 220) contains.

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# **Color**

**RGB(152, 132, 220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9884DC
RGB	152, 132, 220
RGB Percent	60%, 52%, 86%
CMY	0.4039, 0.4824, 0.1373
CMYK	0.31, 0.40, 0.00, 0.14
HSL	254°, 56%, 69%
HSV	254°, 40%, 86%
XYZ	34.1184, 28.3452, 71.3831
YIQ	148.0120, -16.3280, 31.6080

# Conversions

## Conversions Part 2

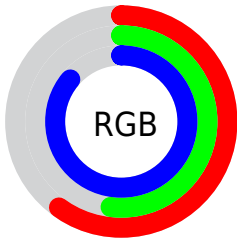
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 132, 220
Decimal	9995484
CIE <sub>Lab</sub>	60.20, 26.90, -42.37
CIE <sub>LCh</sub>	60, 50.185, 302.416
Yxy	28.3452, 0.2549, 0.2118
Android (android.graphics.Color)	4288185564 (0xFF9884DC)
YUV	148.0120, 35.4901, 3.4975
Hunter-Lab	53.2402, 21.2193, -42.2263

# Details

The RGB color **152, 132, 220** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **200, 220, 132**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **208, 185, 255**, and **98, 82, 164** is the 20% darker color. If you saturate the color by 10%, you get **135, 110, 220**, and if you desaturate by 10%, it is **169, 154, 220**.

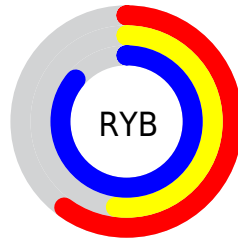
# Distribution



Red (60%)

Green (52%)

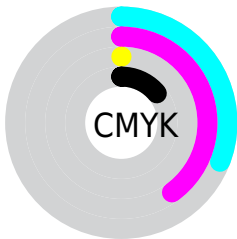
Blue (86%)



Red (60%)

Yellow (52%)

Blue (86%)

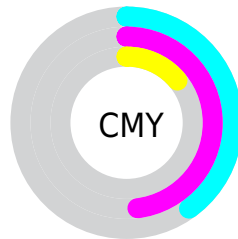


Cyan (31%)

Magenta (40%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (48%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 152, 132, 220 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, 132, 220 by changing the saturation by 10% instead.



 152, 132, 220

 152, 132, 220

255, 255, 255

 125, 107, 192

 208, 185, 255

 98, 82, 164

 237, 213, 255

 72, 59, 138

 255, 241, 255

 45, 37, 112


 13, 16, 87

 0, 0, 63

 0, 3, 40

 0, 1, 18

 0, 0, 0

 152, 132, 220


 152, 132, 220

 135, 110, 220

 169, 154, 220

 118, 88, 220

 186, 176, 220

 101, 66, 220


 203, 198, 220

 84, 44, 220

 220, 220, 220

 67, 22, 220

 237, 242, 220

 50, 0, 220

 254, 255, 220

 255, 255, 220

# Harmonies

## Analogous

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



62, 149, 233



152, 132, 220



202, 115, 187

# Triad

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



152, 132, 220



202, 128, 66



0, 167, 147

# Complementary

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



152, 132, 220



200, 220, 132

# 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.



58, 164, 102



152, 132, 220



167, 144, 52

# Square

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



152, 132, 220



224, 112, 100



121, 156, 66



0, 166, 191

# Rectangle

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



152, 132, 220



220, 107, 158



121, 156, 66



0, 166, 132



# Sweetspot

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



152, 132, 220



231, 224, 255



132, 201, 220



114, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



152, 132, 220



160, 133, 255



195, 132, 220



101, 99, 110



39, 0, 173



10, 0, 46



# Inverse Universe

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



220, 132, 200



255, 133, 227



157, 220, 132



110, 99, 107



173, 0, 134

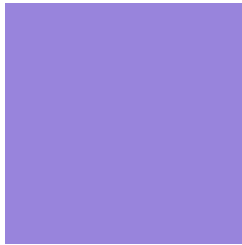


46, 0, 35



# Previews

## White Background



This preview shows how the RGB color 152, 132, 220 looks on a white background.

## Color Contrast Check

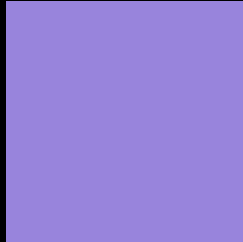
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132, 220 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, 132, 220 Background



This preview shows how black text looks on a background with the RGB color 152, 132, 220.

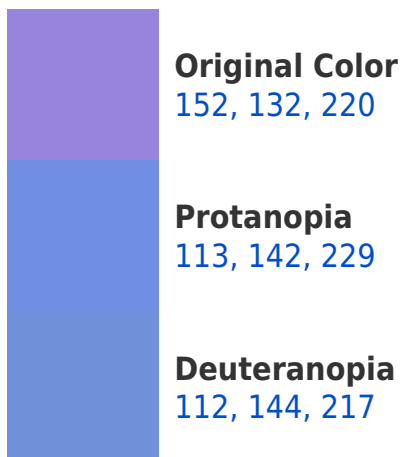


This preview shows how white text looks on a background with the RGB color 152, 132, 220.

# 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**  
139, 145, 157

# Trichromacy



**Original Color**  
152, 132, 220

**Protanomaly**  
127, 138, 226

**Deuteranomaly**  
127, 140, 218

**Tritanomaly**  
144, 140, 180

# Monochromacy



**Original Color**  
152, 132, 220

**Achromatopsia**  
148, 148, 148

**Achromatomaly**  
149, 142, 174

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 152, 132, 220 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, 132, 220)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 220)  
}
```

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, 132, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 220) }
```

## Border

The CSS property to change the border of an element to RGB 152, 132, 220 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, 132, 220) }
```

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

```
.border{ border-color:rgb(152, 132, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 132, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 132, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 132, 220);  
box-shadow:4px 4px 4px 4px rgb(152, 132,  
220) }
```

# Background

The CSS property to change the background color of an element to RGB 152, 132, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 220) }
```

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

```
.background{ background-color: rgb(152,  
132, 220) }
```

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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