

Converting Colors

RGB(152, 69, 212)

Have a look what the booklet for
RGB(152, 69, 212) contains.

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Color

RGB(152, 69, 212)

Conversions

Conversions Part 1

Format	Color
Hex	9845D4
RGB	152, 69, 212
RGB Percent	60%, 27%, 83%
CMY	0.4039, 0.7294, 0.1686
CMYK	0.28, 0.67, 0.00, 0.17
HSL	275°, 62%, 55%
HSV	275°, 67%, 83%
XYZ	26.9607, 15.6851, 63.8939
YIQ	110.1190, 3.5650, 62.0690

Conversions

Conversions Part 2

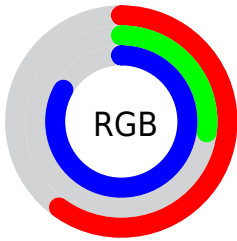
Format	Color
R_{YB}	152, 69, 212
Decimal	9979348
CIE _{Lab}	46.56, 58.88, -59.58
CIE _{LCh}	47, 83.763, 314.658
Yxy	15.6851, 0.2531, 0.1472
Android (android.graphics.Color)	4288169428 (0xFF9845D4)
YUV	110.1190, 50.2273, 36.7296
Hunter-Lab	39.6044, 52.2060, -67.9296

Details

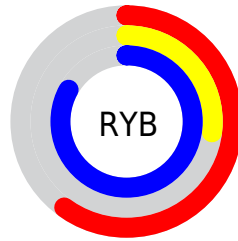
The RGB color **152, 69, 212** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **129, 212, 69**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **210, 123, 255**, and **95, 4, 156** is the 20% darker color. If you saturate the color by 10%, you get **143, 48, 212**, and if you desaturate by 10%, it is **161, 90, 212**.

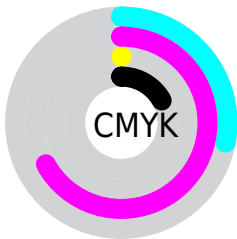
Distribution



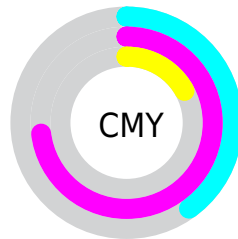
- Red (60%)
- Green (27%)
- Blue (83%)



- Red (60%)
- Yellow (27%)
- Blue (83%)



- Cyan (28%)
- Magenta (67%)
- Yellow (0%)
- Black (17%)




- Cyan (40%)
- Magenta (73%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 152, 69, 212 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, 69, 212 by changing the saturation by 10% instead.

 152, 69, 212


 152, 69, 212

255, 255, 255

 124, 41, 184

 210, 123, 255

 95, 4, 156

 240, 150, 255

 67, 0, 130

 255, 178, 255

 36, 0, 104

 255, 206, 255

 0, 0, 79

 255, 235, 255

 0, 4, 55

 0, 2, 32

 0, 0, 5


 0, 0, 0


 152, 69, 212

 152, 69, 212

 143, 48, 212

 161, 90, 212

 134, 27, 212

 170, 111, 212

 125, 5, 212

 179, 133, 212

 123, 0, 212

 188, 154, 212

 196, 175, 212

 205, 196, 212

 214, 217, 212

 223, 239, 212

 232, 255, 212

Harmonies

Analogous

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



0, 108, 249



152, 69, 212



214, 0, 149

Triad

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



152, 69, 212



164, 94, 0



0, 139, 144

Complementary

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



152, 69, 212



129, 212, 69

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, 136, 70



152, 69, 212



103, 118, 0

Square

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



152, 69, 212



208, 50, 0



0, 131, 0



0, 137, 209

Rectangle

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



152, 69, 212



228, 0, 103



0, 131, 0



0, 138, 120

Sweetspot

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



152, 69, 212



234, 204, 255



69, 131, 212



115, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 69, 212



168, 48, 255



212, 69, 202



103, 96, 107



99, 0, 171



25, 0, 43

Inverse Universe

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



212, 69, 129



255, 48, 135



69, 212, 79



107, 96, 101



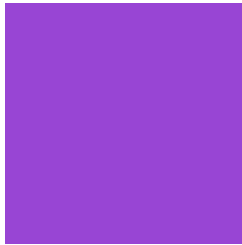
171, 0, 72



43, 0, 18

Previews

White Background



This preview shows how the RGB color 152, 69, 212 looks on a white background.

Color Contrast Check

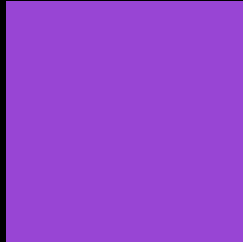
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

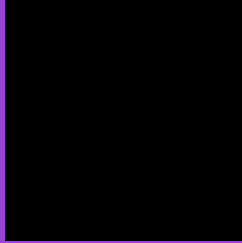
Any Text WCAG AA × Fail

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, 69, 212 Background



This preview shows how black text looks on a background with the RGB color 152, 69, 212.



This preview shows how white text looks on a background with the RGB color 152, 69, 212.

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



Original Color
152, 69, 212

Protanopia
0, 107, 226

Deuteranopia
0, 113, 199



Tritanopia
134, 102, 109

Trichromacy



Original Color

152, 69, 212



Protanomaly

55, 93, 221



Deuteranomaly

55, 97, 204



Tritanomaly

141, 90, 146

Monochromacy



Original Color

152, 69, 212



Achromatopsia

110, 110, 110



Achromatomaly

125, 95, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 69, 212 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, 69, 212)` looks like.

```
.text, #text, p{  
    color:rgb(152, 69, 212)  
}
```

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, 69, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 69, 212) }
```

Border

The CSS property to change the border of an element to RGB 152, 69, 212 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, 69, 212) }
```

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

```
.border{ border-color:rgb(152, 69, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 69, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 69, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 69, 212);  
box-shadow:4px 4px 4px 4px rgb(152, 69,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 152, 69, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 69, 212) }
```

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

```
.background{ background-color: rgb(152, 69,  
212) }
```

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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