

Converting Colors

RGB(152, 77, 235)

Have a look what the booklet for
RGB(152, 77, 235) contains.

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Color

RGB(152, 77, 235)

Conversions

Conversions Part 1

Format	Color
Hex	984DEB
RGB	152, 77, 235
RGB Percent	60%, 30%, 92%
CMY	0.4039, 0.6980, 0.0784
CMYK	0.35, 0.67, 0.00, 0.08
HSL	268°, 80%, 61%
HSV	268°, 67%, 92%
XYZ	30.5982, 17.9813, 80.4553
YIQ	117.4370, -6.0180, 65.0380

Conversions

Conversions Part 2

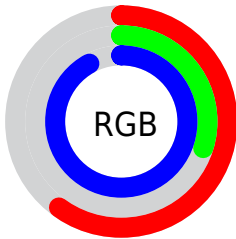
Format	Color
R _{YB}	152, 77, 235
Decimal	9981419
CIE Lab	49.47, 60.47, -67.93
CIE LCh	49, 90.942, 311.675
Yxy	17.9813, 0.2371, 0.1394
Android (android.graphics.Color)	4288171499 (0xFF984DEB)
YUV	117.4370, 57.9586, 30.3118
Hunter-Lab	42.4044, 54.5944, -82.8099

Details

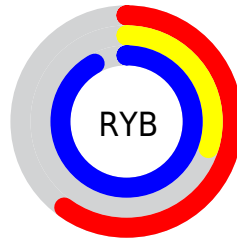
The RGB color **152, 77, 235** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **160, 235, 77**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **211, 131, 255**, and **93, 19, 178** is the 20% darker color. If you saturate the color by 10%, you get **140, 53, 235**, and if you desaturate by 10%, it is **164, 100, 235**.

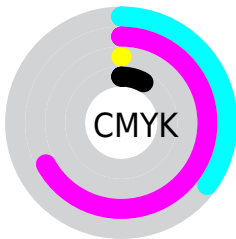
Distribution



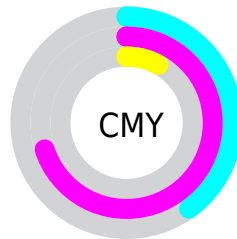
- Red (60%)
- Green (30%)
- Blue (92%)



- Red (60%)
- Yellow (30%)
- Blue (92%)



- Cyan (35%)
- Magenta (67%)
- Yellow (0%)
- Black (8%)




- Cyan (40%)
- Magenta (70%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the RGB color 152, 77, 235 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, 77, 235 by changing the saturation by 10% instead.

 152, 77, 235

255, 255, 255

 211, 131, 255

 241, 158, 255

 255, 186, 255

 255, 215, 255

 255, 244, 255

 152, 77, 235

 123, 50, 206

 93, 19, 178

 63, 0, 151

 26, 0, 124

 0, 0, 98

 0, 0, 73


 0, 4, 49

 0, 1, 28

 0, 0, 0

 152, 77, 235


 152, 77, 235

 140, 53, 235

 164, 100, 235


 127, 30, 235

 177, 124, 235

 115, 6, 235

 189, 147, 235

 112, 0, 235

 201, 171, 235

 214, 194, 235

 226, 218, 235

 238, 241, 235

 251, 255, 235

 255, 255, 235

Harmonies

Analogous

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



0, 119, 255



152, 77, 235



227, 0, 168

Triad

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



152, 77, 235



181, 96, 0



0, 148, 147

Complementary

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



152, 77, 235



160, 235, 77

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, 146, 65



152, 77, 235



116, 124, 0

Square

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



152, 77, 235



227, 41, 7



0, 139, 0



0, 148, 220

Rectangle

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



152, 77, 235



245, 0, 117



0, 139, 0



0, 148, 120

Sweetspot

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



152, 77, 235



228, 204, 255



77, 161, 235



111, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 77, 235



146, 48, 255



230, 77, 235



111, 106, 117



86, 0, 181



25, 0, 54

Inverse Universe

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



235, 77, 160



255, 48, 157



82, 235, 77



117, 106, 112



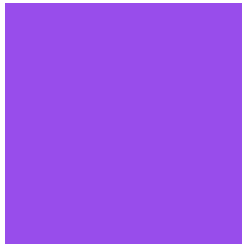
181, 0, 95



54, 0, 28

Previews

White Background



This preview shows how the RGB color 152, 77, 235 looks on a white background.

Color Contrast Check

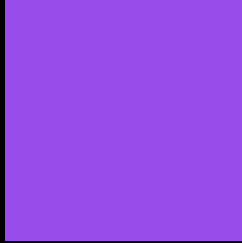
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

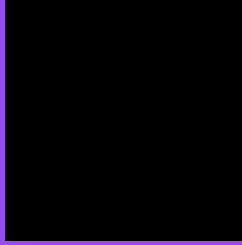
Any Text WCAG AA ✓ Pass

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, 77, 235 Background



This preview shows how black text looks on a background with the RGB color 152, 77, 235.

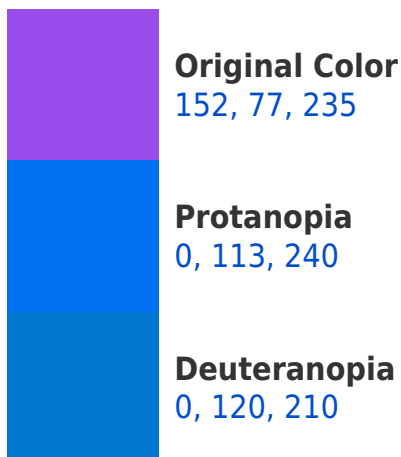



This preview shows how white text looks on a background with the RGB color 152, 77, 235.

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
129, 113, 122

Trichromacy



Original Color

152, 77, 235



Protanomaly

55, 100, 238



Deuteranomaly

55, 104, 219



Tritanomaly

137, 100, 163

Monochromacy



Original Color

152, 77, 235



Achromatopsia

117, 117, 117



Achromatomaly

130, 102, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 77, 235 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, 77, 235)` looks like.

```
.text, #text, p{  
    color:rgb(152, 77, 235)  
}
```

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, 77, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 77, 235) }
```

Border

The CSS property to change the border of an element to RGB 152, 77, 235 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, 77, 235) }
```

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

```
.border{ border-color:rgb(152, 77, 235) }
```

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

Here you see how a box with a 4 pixel rgb(152, 77, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 77, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 77, 235);  
box-shadow:4px 4px 4px 4px rgb(152, 77,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 152, 77, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 77, 235) }
```

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

```
.background{ background-color: rgb(152, 77,  
235) }
```

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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