

Converting Colors

RGB(152, 76, 253)

Have a look what the booklet for
RGB(152, 76, 253) contains.

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Color

RGB(152, 76, 253)

Conversions

Conversions Part 1

Format	Color
Hex	984CFD
RGB	152, 76, 253
RGB Percent	60%, 30%, 99%
CMY	0.4039, 0.7020, 0.0078
CMYK	0.40, 0.70, 0.00, 0.01
HSL	266°, 98%, 65%
HSV	266°, 70%, 99%
XYZ	33.2630, 18.9361, 94.8304
YIQ	118.9020, -11.5210, 71.1590

Conversions

Conversions Part 2

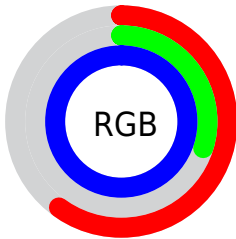
Format	Color
RYB	152, 76, 253
Decimal	9981181
CIELab	50.61, 65.23, -76.15
CIELCh	51, 100.267, 310.584
Yxy	18.9361, 0.2262, 0.1288
Android (android.graphics.Color)	4288171261 (0xFF984CFD)
YUV	118.9020, 66.1103, 29.0269
Hunter-Lab	43.5157, 60.2913, -98.7452

Details

The RGB color **152, 76, 253** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **177, 253, 76**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **212, 130, 255**, and **91, 14, 195** is the 20% darker color. If you saturate the color by 10%, you get **138, 51, 253**, and if you desaturate by 10%, it is **166, 101, 253**.

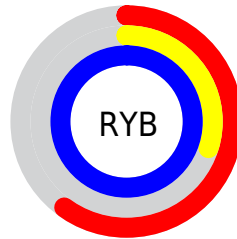
Distribution



Red (60%)

Green (30%)

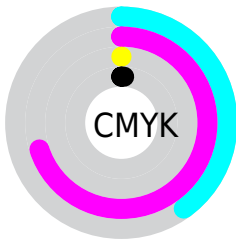
Blue (99%)



Red (60%)

Yellow (30%)

Blue (99%)

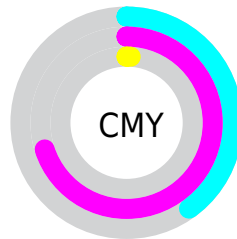


Cyan (40%)

Magenta (70%)

Yellow (0%)

Black (1%)



Cyan (40%)

Magenta (70%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 152, 76, 253 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, 76, 253 by changing the saturation by 10% instead.


 152, 76, 253

 152, 76, 253

255, 255, 255

 122, 48, 224

 212, 130, 255

 91, 14, 195

 243, 158, 255

 58, 0, 167

 255, 186, 255

 6, 0, 140

 255, 215, 255


 0, 0, 113

 255, 244, 255

 0, 0, 88


 0, 6, 63

 0, 3, 40

 0, 1, 18


 152, 76, 253

 152, 76, 253


 138, 51, 253

 166, 101, 253


 123, 25, 253

 181, 127, 253

 109, 0, 253

 195, 152, 253

 109, 0, 253

 210, 177, 253

 224, 203, 253

 239, 228, 253

 253, 253, 253

255, 255, 253

Harmonies

Analogous

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



0, 124, 255



152, 76, 253



238, 0, 179

Triad

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



152, 76, 253



191, 94, 0



0, 153, 150

Complementary

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



152, 76, 253



177, 253, 76

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, 150, 58



152, 76, 253



120, 127, 0

Square

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



152, 76, 253



241, 9, 0



0, 143, 0



0, 153, 232

Rectangle

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



152, 76, 253



255, 0, 123



0, 143, 0



0, 152, 120

Sweetspot

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



152, 76, 253



224, 201, 255



76, 179, 253



109, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 76, 253



133, 41, 255



238, 76, 253



120, 115, 128



82, 0, 191



27, 0, 64

Inverse Universe

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



253, 76, 177



255, 41, 163



91, 253, 76



128, 115, 122



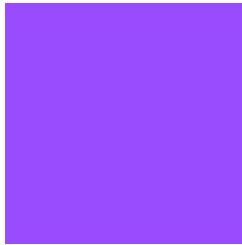
191, 0, 109



64, 0, 36

Previews

White Background



This preview shows how the RGB color 152, 76, 253 looks on a white background.

Color Contrast Check

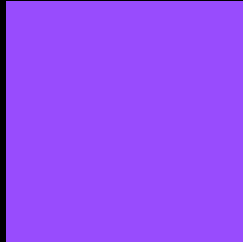
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76, 253 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, 76, 253 Background



This preview shows how black text looks on a background with the RGB color 152, 76, 253.

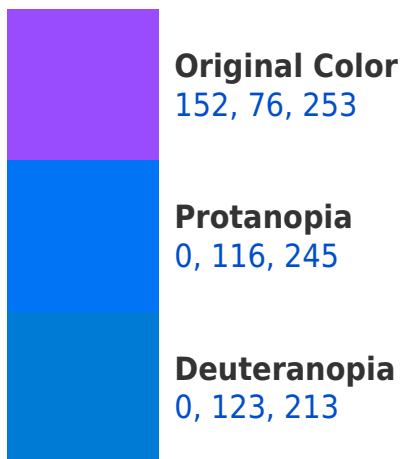



This preview shows how white text looks on a background with the RGB color 152, 76, 253.

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
124, 118, 127

Trichromacy



Original Color
152, 76, 253



Protanomaly
55, 101, 248



Deuteranomaly
55, 106, 228



Tritanomaly
134, 103, 173

Monochromacy



Original Color
152, 76, 253



Achromatopsia
119, 119, 119



Achromatomaly
131, 103, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 76, 253 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, 76, 253)` looks like.

```
.text, #text, p{  
    color:rgb(152, 76, 253)  
}
```

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, 76, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 76, 253) }
```

Border

The CSS property to change the border of an element to RGB 152, 76, 253 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, 76, 253) }
```

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

```
.border{ border-color:rgb(152, 76, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 76, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 76, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 76, 253);  
box-shadow:4px 4px 4px 4px rgb(152, 76,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 152, 76, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 76, 253) }
```

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

```
.background{ background-color: rgb(152, 76,  
253) }
```

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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