

Converting Colors

RGB(153, 144, 226)

Have a look what the booklet for
RGB(153, 144, 226) contains.

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Color

RGB(153, 144, 226)

Conversions

Conversions Part 1

Format	Color
Hex	9990E2
RGB	153, 144, 226
RGB Percent	60%, 56%, 89%
CMY	0.4000, 0.4353, 0.1137
CMYK	0.32, 0.36, 0.00, 0.11
HSL	247°, 59%, 73%
HSV	247°, 36%, 89%
XYZ	36.8376, 32.2098, 76.2271
YIQ	156.0390, -20.9580, 27.4100

Conversions

Conversions Part 2

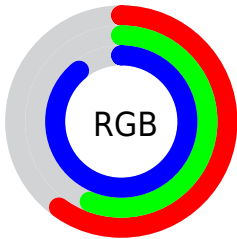
Format	Color
RYB	153, 144, 226
Decimal	10064098
CIELab	63.52, 21.81, -40.49
CIElCh	64, 45.990, 298.305
Yxy	32.2098, 0.2536, 0.2217
Android (android.graphics.Color)	4288254178 (0xFF9990E2)
YUV	156.0390, 34.4908, -2.6652
Hunter-Lab	56.7537, 16.5416, -39.9061

Details

The RGB color **153, 144, 226** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **217, 226, 144**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **209, 198, 255**, and **99, 94, 170** is the 20% darker color. If you saturate the color by 10%, you get **133, 121, 226**, and if you desaturate by 10%, it is **173, 167, 226**.

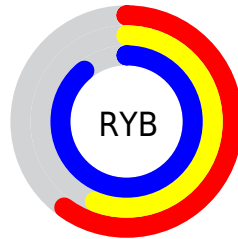
Distribution



Red (60%)

Green (56%)

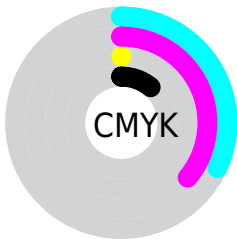
Blue (89%)



Red (60%)

Yellow (56%)

Blue (89%)

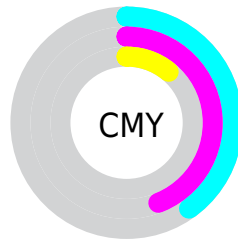


Cyan (32%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 144, 226 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 153, 144, 226 by changing the saturation by 10% instead.

 153, 144, 226

255, 255, 255

 209, 198, 255

 238, 226, 255

255, 255, 255

 153, 144, 226

 126, 118, 198


 99, 94, 170


 73, 70, 143

 46, 48, 117

 14, 27, 92

 0, 3, 68

 0, 3, 45

 0, 1, 24

 0, 0, 0

■ 153, 144, 226

■ 153, 144, 226

■ 133, 121, 226

■ 173, 167, 226

■ 113, 99, 226

■ 193, 189, 226

■ 93, 76, 226

■ 213, 212, 226

■ 73, 54, 226

■ 233, 234, 226

■ 52, 31, 226

■ 254, 255, 226

■ 32, 8, 226

■ 255, 255, 226

■ 25, 0, 226

Harmonies

Analogous

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



74, 159, 235



153, 144, 226



202, 128, 197

Triad

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



153, 144, 226



212, 136, 85



0, 174, 150

Complementary

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



153, 144, 226



217, 226, 144

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.



88, 171, 109



153, 144, 226



180, 151, 70

Square

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



153, 144, 226



230, 123, 117



139, 163, 79



0, 174, 191

Rectangle

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



153, 144, 226



222, 121, 172



139, 163, 79



31, 174, 136

Sweetspot

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



153, 144, 226



230, 227, 255



144, 218, 226



113, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



153, 144, 226



155, 143, 255



193, 144, 226



102, 101, 112



19, 0, 176



5, 0, 48

Inverse Universe

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



226, 144, 217



255, 143, 243



177, 226, 144



112, 101, 111



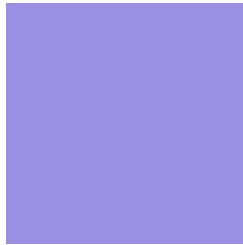
176, 0, 157



48, 0, 43

Previews

White Background



This preview shows how the RGB color 153, 144, 226 looks on a white background.

Color Contrast Check

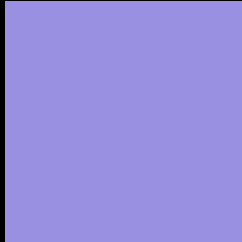
Large Text (above 18pt) WCAG AA × Fail

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 153, 144, 226 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 153, 144, 226 Background



This preview shows how black text looks on a background with the RGB color 153, 144, 226.

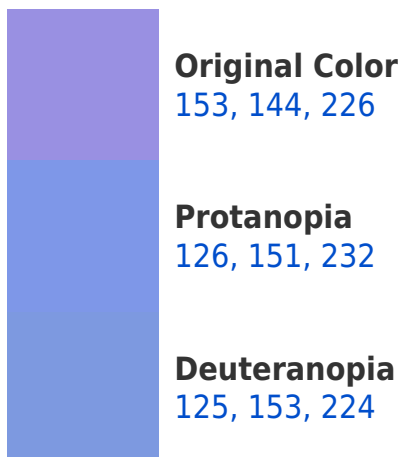


This preview shows how white text looks on a background with the RGB color 153, 144, 226.

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

141, 156, 168

Trichromacy



Original Color
153, 144, 226

Protanomaly
136, 148, 230

Deuteranomaly
135, 150, 225

Tritanomaly
145, 152, 189

Monochromacy



Original Color
153, 144, 226

Achromatopsia
156, 156, 156

Achromatomaly
155, 152, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 144, 226 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(153, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 226)  
}
```

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(153, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 226) }
```

Border

The CSS property to change the border of an element to RGB 153, 144, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

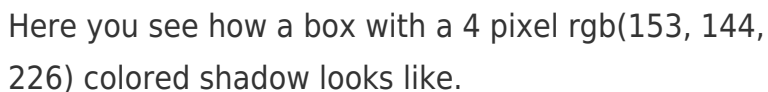
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 144, 226) }
```

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

```
.border{ border-color:rgb(153, 144, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 144, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 144, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 144, 226); box-shadow:4px 4px 4px 4px rgb(153, 144, 226) }
```

Background

The CSS property to change the background color of an element to RGB 153, 144, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 226) }
```

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

```
.background{ background-color: rgb(153,  
144, 226) }
```

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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