Converting Colors

RGB(150, 79, 207)

Have a look what the booklet for RGB(150, 79, 207) contains.

Color

RGB(150, 79, 207)

Conversions

Conversions Part 1

Format	Color
Hex	964FCF
RGB	150, 79, 207
RGB Percent	59%, 31%, 81%
CMY	0.4118, 0.6902, 0.1882
CMYK	0.28, 0.62, 0.00, 0.19
HSL	273°, 57%, 56%
HSV	273°, 62%, 81%
XYZ	26.6361, 16.5810, 60.8281
YIQ	114.8210, 1.2280, 54.8600

Conversions

Conversions Part 2

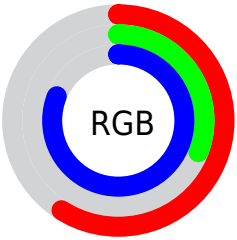
Format	Color
RYB	150, 79, 207
Decimal	9850831
CIELab	47.73, 52.51, -54.84
CIELCh	48, 75.930, 313.756
Yxy	16.5810, 0.2560, 0.1594
Android (android.graphics.Color)	4288040911 (0xFF964FCF)
YUV	114.8210, 45.4442, 30.8520
Hunter-Lab	40.7198, 45.5032, -60.0648

Details

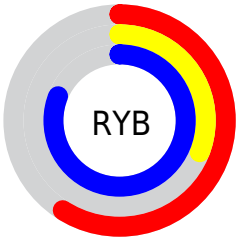
The RGB color 150, 79, 207 is a dark color, and the websafe version is hex 9933CC. The color can be described as middle muted purple. A complement of this color would be 136, 207, 79, and the grayscale version is 114, 114, 114.

A 20% lighter version of the original color is 207, 132, 255, and 94, 25, 152 is the 20% darker color. If you saturate the color by 10%, you get 141, 58, 207, and if you desaturate by 10%, it is 159, 100, 207.

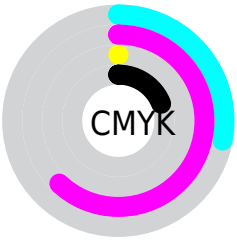
Distribution



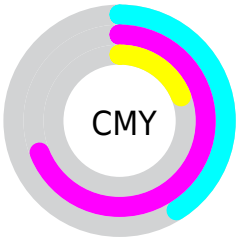
- Red (59%)
- Green (31%)
- Blue (81%)



- Red (59%)
- Yellow (31%)
- Blue (81%)



- Cyan (28%)
- Magenta (62%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (69%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 79, 207 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 150, 79, 207 by changing the saturation by 10% instead.

150, 79, 207

255, 255, 255

207, 132, 255

237, 159, 255

255, 187, 255

255, 215, 255

255, 244, 255

150, 79, 207

150, 79, 207

122, 53, 179

94, 25, 152

66, 0, 125

37, 0, 100

5, 0, 75

0, 4, 51

0, 2, 29

0, 0, 0

150, 79, 207

150, 79, 207

141, 58, 207

132, 38, 207

122, 17, 207

115, 0, 207

159, 100, 207

168, 120, 207

178, 141, 207

187, 162, 207

196, 183, 207

205, 203, 207

215, 224, 207

224, 245, 207

233, 255, 207

Harmonies

Analogous

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

0, 112, 240

150, 79, 207

207, 32, 151

Triad

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

150, 79, 207

166, 97, 0

0, 140, 142

Complementary

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

150, 79, 207

136, 207, 79

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, 138, 75

150, 79, 207

111, 120, 0

Square

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

150, 79, 207

206, 62, 23

13, 132, 0

0, 139, 201

Rectangle

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

150, 79, 207

222, 1, 108

13, 132, 0

0, 140, 120

Sweetspot

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

150, 79, 207

233, 207, 255

79, 137, 207

114, 98, 128

0, 0, 0

128, 128, 128

Same Dimension

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

150, 79, 207

171, 66, 255

207, 79, 201

100, 94, 105

93, 0, 168

23, 0, 41

Inverse Universe

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

207, 79, 136

255, 66, 150

79, 207, 85

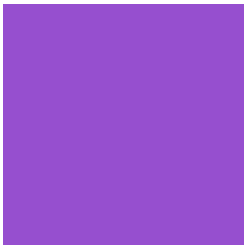
105, 94, 99

168, 0, 75

41, 0, 18

Previews

White Background



This preview shows how the RGB color 150, 79, 207 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

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 150, 79, 207 Background

This preview shows how black text looks on a background with the RGB color 150, 79, 207.

This preview shows how white text looks on a background with the RGB color 150, 79, 207.

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
150, 79, 207

Protanopia
0, 109, 233

Deuteranopia
38, 115, 200

Tritanopia
134, 106, 114

Trichromacy

Original Color
150, 79, 207

Protanomaly
55, 98, 224

Deuteranomaly
79, 102, 203

Tritanomaly
140, 96, 148

Monochromacy

Original Color
150, 79, 207

Achromatopsia
115, 115, 115

Achromatomaly
128, 102, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 79, 207 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(150, 79, 207) looks like.

```
.text, #text, p{
    color:rgb(150, 79, 207)
}
```

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(150, 79, 207) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(150, 79, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 79, 207) }
```

Border

The CSS property to change the border of an element to RGB 150, 79, 207 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(150, 79, 207) }
```

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

```
.border{ border-color:rgb(150, 79, 207) }
```

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

Here you see how a box with a 4 pixel rgb(150, 79, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 79, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 79, 207); box-shadow:4px 4px 4px 4px rgb(150, 79, 207) }
```

Background

The CSS property to change the background color of an element to RGB 150, 79, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(150, 79, 207) }
```

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

```
.background{ background-color:rgb(150, 79, 207) }
```

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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