

Converting Colors

RGB(131, 120, 159)

Have a look what the booklet for
RGB(131, 120, 159) contains.

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Color

RGB(131, 120, 159)

Conversions

Conversions Part 1

Format	Color
Hex	83789F
RGB	131, 120, 159
RGB Percent	51%, 47%, 62%
CMY	0.4863, 0.5294, 0.3765
CMYK	0.18, 0.25, 0.00, 0.38
HSL	257°, 17%, 55%
HSV	257°, 25%, 62%
XYZ	22.3346, 20.7614, 35.6311
YIQ	127.7350, -5.9630, 14.4610

Conversions

Conversions Part 2

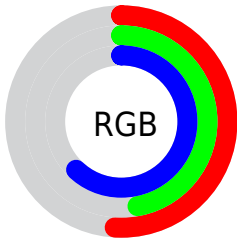
Format	Color
R_{YB}	131, 120, 159
Decimal	8616095
CIE _{Lab}	52.69, 12.48, -19.40
CIE _{LCh}	53, 23.062, 302.753
Yxy	20.7614, 0.2837, 0.2637
Android (android.graphics.Color)	4286806175 (0xFF83789F)
YUV	127.7350, 15.4136, 2.8634
Hunter-Lab	45.5647, 7.7574, -14.4688

Details

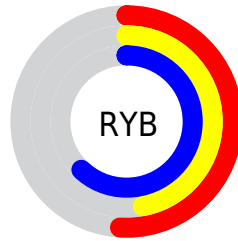
The RGB color **131, 120, 159** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148, 159, 120**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **184, 172, 214**, and **81, 72, 107** is the 20% darker color. If you saturate the color by 10%, you get **120, 104, 159**, and if you desaturate by 10%, it is **142, 136, 159**.

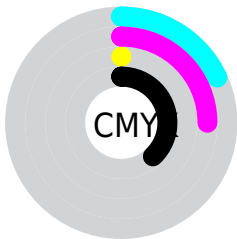
Distribution



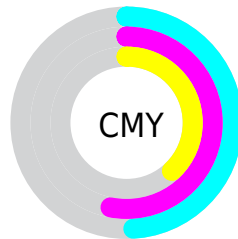
- Red (51%)
- Green (47%)
- Blue (62%)



- Red (51%)
- Yellow (47%)
- Blue (62%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 120, 159 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 131, 120, 159 by changing the saturation by 10% instead.

■ 131, 120, 159

255, 255, 255

■ 184, 172, 214

■ 212, 200, 242

■ 241, 228, 255

■ 131, 120, 159

■ 106, 95, 133

■ 81, 72, 107

■ 57, 49, 83

■ 35, 28, 60

■ 16, 2, 38

■ 0, 1, 16

■ 0, 0, 0

■ 131, 120, 159

■ 120, 104, 159

■ 131, 120, 159

■ 142, 136, 159

108, 88, 159

154, 152, 159

97, 72, 159

165, 168, 159

85, 56, 159

177, 184, 159

74, 40, 159

188, 200, 159

63, 25, 159

199, 215, 159

51, 9, 159

211, 231, 159

45, 0, 159

222, 247, 159

234, 255, 159

Harmonies

Analogous

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



103, 127, 165



131, 120, 159



153, 114, 144

Triad

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



131, 120, 159



155, 118, 91



73, 137, 127

Complementary

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



131, 120, 159



148, 159, 120

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.



94, 135, 107



131, 120, 159



138, 125, 86

Square

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



131, 120, 159



164, 113, 105



117, 131, 92



63, 136, 146

Rectangle

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



131, 120, 159



162, 112, 131



117, 131, 92



79, 136, 120

Sweetspot

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



131, 120, 159



196, 192, 207



120, 149, 159



99, 96, 105



232, 232, 232



105, 105, 105

Same Dimension

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



131, 120, 159



164, 147, 207



150, 120, 159



73, 71, 79



40, 0, 143



4, 0, 15

Inverse Universe

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



159, 120, 148



207, 147, 190



129, 159, 120



79, 71, 77



143, 0, 103



15, 0, 11

Previews

White Background



This preview shows how the RGB color 131, 120, 159 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 131, 120, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

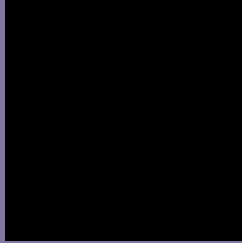
Any Text WCAG AA ✓ Pass

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 131, 120, 159 Background



This preview shows how black text looks on a background with the RGB color 131, 120, 159.



This preview shows how white text looks on a background with the RGB color 131, 120, 159.

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
[131](#), [120](#), [159](#)

Protanopia
[116](#), [124](#), [162](#)

Deuteranopia
[121](#), [123](#), [158](#)



Tritanopia
127, 125, 134

Trichromacy



Original Color

131, 120, 159

Protanomaly

121, 123, 161

Deuteranomaly

125, 122, 158

Tritanomaly

128, 123, 143

Monochromacy



Original Color

131, 120, 159

Achromatopsia

128, 128, 128

Achromatomaly

129, 125, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 120, 159 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(131, 120, 159)` looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 159)  
}
```

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(131, 120, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 159) }
```

Border

The CSS property to change the border of an element to RGB 131, 120, 159 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(131, 120, 159) }
```

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

```
.border{ border-color:rgb(131, 120, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 120, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 120, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 120, 159); box-shadow:4px 4px 4px 4px rgb(131, 120, 159) }
```

Background

The CSS property to change the background color of an element to RGB 131, 120, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 159) }
```

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

```
.background{ background-color: rgb(131,  
120, 159) }
```

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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