

Converting Colors

RGB(157, 131, 161)

Have a look what the booklet for
RGB(157, 131, 161) contains.

RGB(157, 131, 161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(157, 131, 161)

Conversions

Conversions Part 1

Format	Color
Hex	9D83A1
RGB	157, 131, 161
RGB Percent	62%, 51%, 63%
CMY	0.3843, 0.4863, 0.3686
CMYK	0.02, 0.19, 0.00, 0.37
HSL	292°, 14%, 57%
HSV	292°, 19%, 63%
XYZ	28.4539, 25.9739, 37.2320
YIQ	142.1940, 5.8660, 14.8420

Conversions

Conversions Part 2

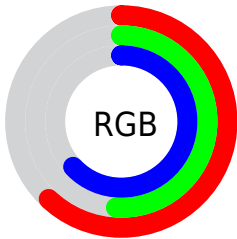
Format	Color
RYB	157, 131, 161
Decimal	10322849
CIELab	58.01, 15.46, -12.25
CIELCh	58, 19.726, 321.615
Yxy	25.9739, 0.3104, 0.2834
Android (android.graphics.Color)	4288512929 (0xFF9D83A1)
YUV	142.1940, 9.2714, 12.9849
Hunter-Lab	50.9646, 10.4699, -7.6389

Details

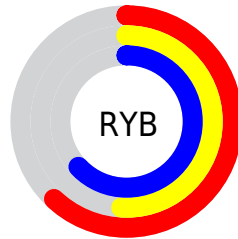
The RGB color **157, 131, 161** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **135, 161, 131**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **212, 184, 216**, and **105, 81, 109** is the 20% darker color. If you saturate the color by 10%, you get **155, 115, 161**, and if you desaturate by 10%, it is **159, 147, 161**.

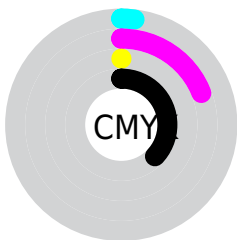
Distribution



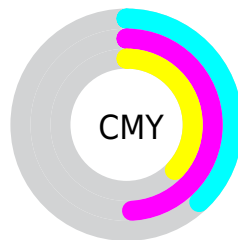
- Red (62%)
- Green (51%)
- Blue (63%)



- Red (62%)
- Yellow (51%)
- Blue (63%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (49%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RGB color 157, 131, 161 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 157, 131, 161 by changing the saturation by 10% instead.

 157, 131, 161


255, 255, 255

 212, 184, 216


 240, 212, 244

 255, 240, 255

 157, 131, 161

 131, 106, 135

 105, 81, 109

 81, 58, 85

 58, 36, 62

 36, 16, 40


 8, 0, 19


 0, 0, 0


 157, 131, 161


 155, 115, 161


 157, 131, 161


 159, 147, 161

 153, 99, 161


 161, 163, 161

 151, 83, 161

 163, 179, 161

 148, 67, 161

 166, 195, 161

 146, 51, 161

 168, 211, 161

 144, 34, 161

 170, 228, 161

 142, 18, 161

 172, 244, 161

 140, 2, 161

 174, 255, 161

 140, 0, 161

 176, 255, 161

Harmonies

Analogous

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



136, 137, 171



157, 131, 161



171, 127, 145

Triad

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



157, 131, 161



157, 137, 106



91, 149, 151

Complementary

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



157, 131, 161



135, 161, 131

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.



101, 149, 134



157, 131, 161



139, 142, 107

Square

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



157, 131, 161



170, 131, 113



119, 147, 118



95, 147, 166

Rectangle

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



157, 131, 161



175, 127, 133



119, 147, 118



93, 149, 146

Sweetspot

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



157, 131, 161



207, 197, 209



131, 135, 161



104, 97, 105



232, 232, 232



105, 105, 105

Same Dimension

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



157, 131, 161



203, 163, 209



161, 131, 150



81, 73, 82



126, 0, 145



15, 0, 18

Inverse Universe

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



161, 131, 135



209, 163, 169



131, 161, 142



82, 73, 75



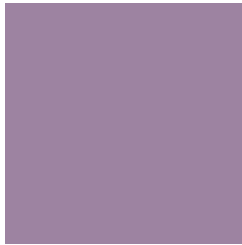
145, 0, 19



18, 0, 2

Previews

White Background



This preview shows how the RGB color 157, 131, 161 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 157, 131, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

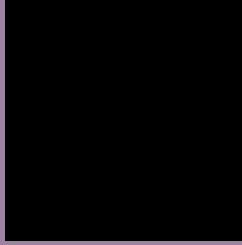
Any Text WCAG AA ✓ Pass

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 157, 131, 161 Background



This preview shows how black text looks on a background with the RGB color 157, 131, 161.



This preview shows how white text looks on a background with the RGB color 157, 131, 161.

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
157, 131, 161

Protanopia
134, 138, 166

Deuteranopia
143, 136, 160



Tritanopia
155, 134, 144

Trichromacy



Original Color
157, 131, 161

Protanomaly
142, 135, 164

Deuteranomaly
148, 134, 160

Tritanomaly
156, 133, 150

Monochromacy



Original Color
157, 131, 161

Achromatopsia
142, 142, 142

Achromatomaly
147, 138, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 131, 161 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(157, 131, 161) looks like.

```
.text, #text, p{  
    color:rgb(157, 131, 161)  
}
```

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(157, 131, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 131, 161) }
```

Border

The CSS property to change the border of an element to RGB 157, 131, 161 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(157, 131, 161) }
```

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

```
.border{ border-color:rgb(157, 131, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 131, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 131, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 131, 161);  
box-shadow:4px 4px 4px 4px rgb(157, 131,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 157, 131, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 131, 161) }
```

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

```
.background{ background-color: rgb(157,  
131, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor