

Converting Colors

RGB(150, 129, 168)

Have a look what the booklet for
RGB(150, 129, 168) contains.

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Color

RGB(150, 129, 168)

Conversions

Conversions Part 1

Format	Color
Hex	9681A8
RGB	150, 129, 168
RGB Percent	59%, 51%, 66%
CMY	0.4118, 0.4941, 0.3412
CMYK	0.11, 0.23, 0.00, 0.34
HSL	272°, 18%, 58%
HSV	272°, 23%, 66%
XYZ	27.4958, 25.0117, 40.4243
YIQ	139.7250, -0.0030, 16.5810

Conversions

Conversions Part 2

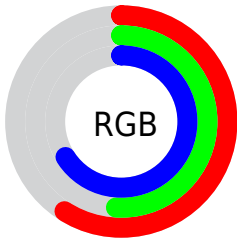
Format	Color
RYB	150, 129, 168
Decimal	9863592
CIELab	57.09, 15.65, -17.73
CIELCh	57, 23.654, 311.438
Yxy	25.0117, 0.2959, 0.2691
Android (android.graphics.Color)	4288053672 (0xFF9681A8)
YUV	139.7250, 13.9396, 9.0112
Hunter-Lab	50.0117, 10.6166, -12.9158

Details

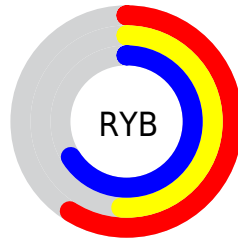
The RGB color **150, 129, 168** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **147, 168, 129**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **204, 182, 223**, and **99, 80, 116** is the 20% darker color. If you saturate the color by 10%, you get **142, 112, 168**, and if you desaturate by 10%, it is **158, 146, 168**.

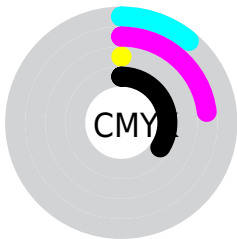
Distribution



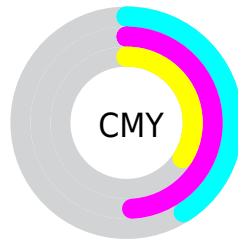
- Red (59%)
- Green (51%)
- Blue (66%)



- Red (59%)
- Yellow (51%)
- Blue (66%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (34%)




- Cyan (41%)
- Magenta (49%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the RGB color 150, 129, 168 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, 129, 168 by changing the saturation by 10% instead.


 150, 129, 168


255, 255, 255

 204, 182, 223

 233, 210, 252


 255, 238, 255

 150, 129, 168

 124, 104, 142

 99, 80, 116

 75, 57, 91

 51, 35, 68


 30, 14, 45

 0, 0, 25

 0, 0, 0

 150, 129, 168

 142, 112, 168

 150, 129, 168

 158, 146, 168


 134, 95, 168


 166, 163, 168

 127, 79, 168


 173, 179, 168

 119, 62, 168

 181, 196, 168

 111, 45, 168


 189, 213, 168

 103, 28, 168

 197, 230, 168

 96, 11, 168

 204, 247, 168

 90, 0, 168

 212, 255, 168

 220, 255, 168

Harmonies

Analogous

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



122, 136, 177



150, 129, 168



170, 123, 151

Triad

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



150, 129, 168



163, 131, 98



78, 149, 144

Complementary

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



150, 129, 168



147, 168, 129

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.



97, 148, 123



150, 129, 168



144, 138, 96

Square

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



150, 129, 168



176, 125, 111



121, 144, 106



75, 147, 164

Rectangle

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



150, 129, 168



177, 122, 137



121, 144, 106



83, 149, 137

Sweetspot

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



150, 129, 168



212, 204, 219



129, 147, 168



106, 101, 110



237, 237, 237



110, 110, 110

Same Dimension

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



150, 129, 168



191, 158, 219



168, 129, 167



80, 76, 84



80, 0, 148



11, 0, 20

Inverse Universe

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



168, 129, 147



219, 158, 186



129, 168, 130



84, 76, 80



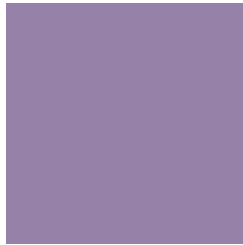
148, 0, 68



20, 0, 9

Previews

White Background



This preview shows how the RGB color 150, 129, 168 looks on a white background.

Color Contrast Check

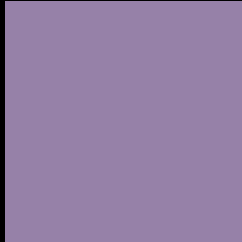
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 129, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

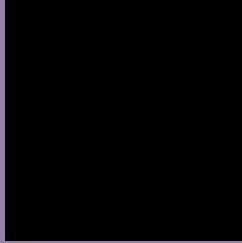
Any Text WCAG AA ✓ Pass

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 150, 129, 168 Background



This preview shows how black text looks on a background with the RGB color 150, 129, 168.



This preview shows how white text looks on a background with the RGB color 150, 129, 168.

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, 129, 168

Protanopia

128, 136, 173

Deuteranopia

135, 134, 167



Tritanopia
146, 133, 144

Trichromacy



Original Color

150, 129, 168

Protanomaly

136, 133, 171

Deuteranomaly

140, 132, 167

Tritanomaly

147, 132, 153

Monochromacy



Original Color

150, 129, 168

Achromatopsia

140, 140, 140

Achromatomaly

144, 136, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 129, 168 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, 129, 168)` looks like.

```
.text, #text, p{  
    color:rgb(150, 129, 168)  
}
```

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, 129, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 129, 168) }
```

Border

The CSS property to change the border of an element to RGB 150, 129, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

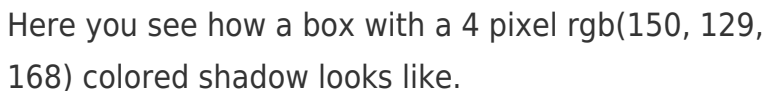
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 129, 168) }
```

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

```
.border{ border-color:rgb(150, 129, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 129, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 129, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 129, 168); box-shadow:4px 4px 4px 4px rgb(150, 129, 168) }
```

Background

The CSS property to change the background color of an element to RGB 150, 129, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 129, 168) }
```

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

```
.background{ background-color: rgb(150,  
129, 168) }
```

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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