

Converting Colors

RGB(118, 87, 131)

Have a look what the booklet for
RGB(118, 87, 131) contains.

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Color

RGB(118, 87, 131)

Conversions

Conversions Part 1

Format	Color
Hex	765783
RGB	118, 87, 131
RGB Percent	46%, 34%, 51%
CMY	0.5373, 0.6588, 0.4863
CMYK	0.10, 0.34, 0.00, 0.49
HSL	282°, 20%, 43%
HSV	282°, 34%, 51%
XYZ	14.9761, 12.3066, 23.0588
YIQ	101.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

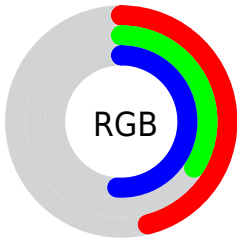
Format	Color
R_{YB}	118, 87, 131
Decimal	7755651
CIE _{Lab}	41.70, 21.35, -19.73
CIE _{LCh}	42, 29.074, 317.262
Yxy	12.3066, 0.2975, 0.2445
Android (android.graphics.Color)	4285945731 (0xFF765783)
YUV	101.2850, 14.6495, 14.6591
Hunter-Lab	35.0808, 14.8110, -14.4151

Details

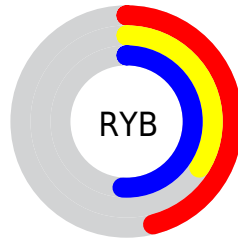
The RGB color **118, 87, 131** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **100, 131, 87**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **171, 137, 184**, and **69, 41, 81** is the 20% darker color. If you saturate the color by 10%, you get **114, 74, 131**, and if you desaturate by 10%, it is **122, 100, 131**.

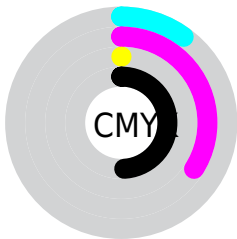
Distribution



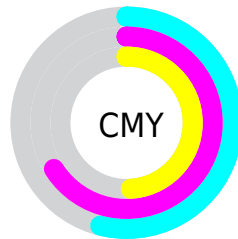
- Red (46%)
- Green (34%)
- Blue (51%)



- Red (46%)
- Yellow (34%)
- Blue (51%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 87, 131 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 118, 87, 131 by changing the saturation by 10% instead.



118, 87, 131



118, 87, 131

255, 255, 255



93, 63, 106



171, 137, 184



69, 41, 81



198, 164, 212



46, 19, 58



226, 191, 240



27, 0, 37



255, 219, 255



0, 1, 13



255, 247, 255



0, 0, 0



118, 87, 131



118, 87, 131



114, 74, 131



122, 100, 131



110, 61, 131



126, 113, 131

106, 48, 131

130, 126, 131

103, 35, 131

133, 139, 131

99, 22, 131

137, 153, 131

95, 8, 131

141, 166, 131

92, 0, 131

145, 179, 131

149, 192, 131

153, 205, 131

Harmonies

Analogous

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



85, 96, 144



118, 87, 131



138, 80, 110

Triad

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



118, 87, 131



122, 93, 51



0, 111, 112

Complementary

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



118, 87, 131



100, 131, 87

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.



38, 110, 87



118, 87, 131



100, 101, 52

Square

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



118, 87, 131



138, 85, 64



73, 107, 65



0, 109, 133

Rectangle

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



118, 87, 131



144, 79, 93



73, 107, 65



0, 111, 104

Sweetspot

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



118, 87, 131



166, 154, 171



87, 100, 131



84, 76, 87



214, 214, 214



87, 87, 87

Same Dimension

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



118, 87, 131



151, 103, 171



131, 87, 122



64, 60, 66



92, 0, 130



2, 0, 3

Inverse Universe

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



131, 87, 100



171, 103, 123



87, 131, 96



66, 60, 62



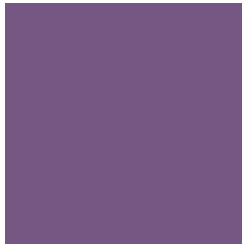
130, 0, 38



3, 0, 1

Previews

White Background



This preview shows how the RGB color 118, 87, 131 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



This preview shows how the RGB color 118, 87, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

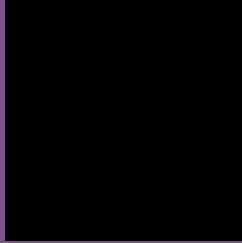
Any Text WCAG AA × Fail

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 118, 87, 131 Background



This preview shows how black text looks on a background with the RGB color 118, 87, 131.



This preview shows how white text looks on a background with the RGB color 118, 87, 131.

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


118, 87, 131

Protanopia

86, 97, 139

Deuteranopia

92, 97, 129



Tritanopia
113, 93, 100

Trichromacy



Original Color
118, 87, 131

Protanomaly
98, 93, 136

Deuteranomaly
101, 93, 130

Tritanomaly
115, 91, 111

Monochromacy



Original Color
118, 87, 131

Achromatopsia
101, 101, 101

Achromatomaly
107, 96, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 87, 131 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(118, 87, 131) looks like.

```
.text, #text, p{  
    color:rgb(118, 87, 131)  
}
```

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(118, 87, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 87, 131) }
```

Border

The CSS property to change the border of an element to RGB 118, 87, 131 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(118, 87, 131) }
```

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

```
.border{ border-color:rgb(118, 87, 131) }
```

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

Here you see how a box with a 4 pixel rgb(118, 87, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 87, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 87, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 87,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 118, 87, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 87, 131) }
```

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

```
.background{ background-color: rgb(118, 87,  
131) }
```

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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