

Converting Colors

RGB(123, 87, 146)

Have a look what the booklet for
RGB(123, 87, 146) contains.

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Color

RGB(123, 87, 146)

Conversions

Conversions Part 1

Format	Color
Hex	7B5792
RGB	123, 87, 146
RGB Percent	48%, 34%, 57%
CMY	0.5176, 0.6588, 0.4275
CMYK	0.16, 0.40, 0.00, 0.43
HSL	277°, 25%, 46%
HSV	277°, 40%, 57%
XYZ	16.7649, 13.1027, 28.8396
YIQ	104.4900, 2.5170, 25.9810

Conversions

Conversions Part 2

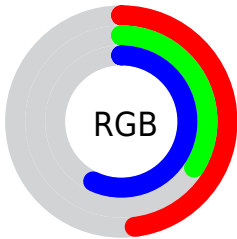
Format	Color
R_{YB}	123, 87, 146
Decimal	8083346
CIE _{Lab}	42.92, 26.45, -26.86
CIE _{LCh}	43, 37.699, 314.563
Yxy	13.1027, 0.2856, 0.2232
Android (android.graphics.Color)	4286273426 (0xFF7B5792)
YUV	104.4900, 20.4644, 16.2333
Hunter-Lab	36.1976, 19.3263, -21.8996

Details

The RGB color **123, 87, 146** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110, 146, 87**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **176, 137, 200**, and **73, 40, 95** is the 20% darker color. If you saturate the color by 10%, you get **117, 72, 146**, and if you desaturate by 10%, it is **129, 102, 146**.

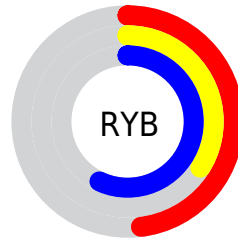
Distribution



Red (48%)

Green (34%)

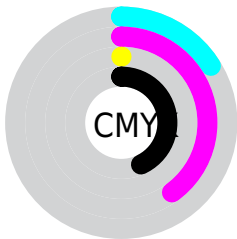
Blue (57%)



Red (48%)

Yellow (34%)

Blue (57%)

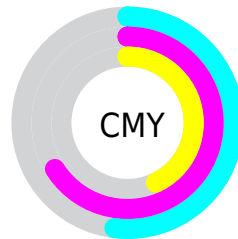


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (43%)



Cyan (52%)

Magenta (66%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 87, 146 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 123, 87, 146 by changing the saturation by 10% instead.



123, 87, 146



123, 87, 146

255, 255, 255



97, 63, 120



176, 137, 200



73, 40, 95



204, 164, 228



49, 18, 71



233, 191, 255



28, 0, 49



255, 219, 255



0, 1, 27



255, 248, 255



0, 0, 0



123, 87, 146



123, 87, 146



117, 72, 146



129, 102, 146



112, 58, 146



134, 116, 146

106, 43, 146

140, 131, 146

100, 29, 146

146, 145, 146

95, 14, 146

151, 160, 146

89, 0, 146

157, 175, 146

163, 189, 146

169, 204, 146

174, 218, 146

Harmonies

Analogous

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



75, 99, 162



123, 87, 146



150, 77, 119

Triad

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



123, 87, 146



133, 94, 40



0, 117, 116

Complementary

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



123, 87, 146



110, 146, 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.



2, 116, 84



123, 87, 146



105, 104, 38

Square

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



123, 87, 146



152, 82, 59



70, 112, 55



0, 115, 144

Rectangle

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



123, 87, 146



158, 74, 98



70, 112, 55



0, 117, 105

Sweetspot

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



123, 87, 146



180, 166, 189



87, 111, 146



89, 81, 94



222, 222, 222



94, 94, 94

Same Dimension

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



123, 87, 146



153, 98, 189



146, 87, 140



71, 67, 74



84, 0, 138



6, 0, 10

Inverse Universe

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



146, 87, 110



189, 98, 133



87, 146, 93



74, 67, 69



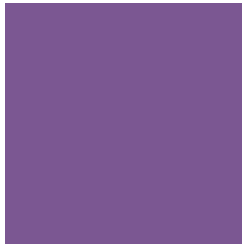
138, 0, 54



10, 0, 4

Previews

White Background



This preview shows how the RGB color 123, 87, 146 looks on a white background.

Color Contrast Check

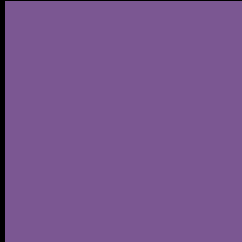
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 87, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

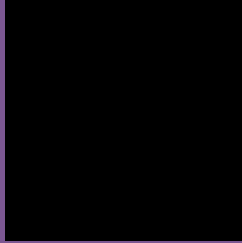
Any Text WCAG AA × Fail

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 123, 87, 146 Background



This preview shows how black text looks on a background with the RGB color 123, 87, 146.

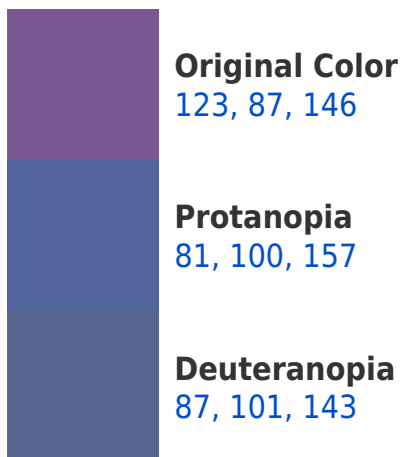



This preview shows how white text looks on a background with the RGB color 123, 87, 146.

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





Tritanopia
116, 96, 104

Trichromacy



Original Color

123, 87, 146

Protanomaly

96, 95, 153

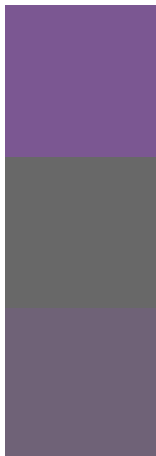
Deuteranomaly

100, 96, 144

Tritanomaly

119, 93, 119

Monochromacy



Original Color

123, 87, 146

Achromatopsia

104, 104, 104

Achromatomaly

111, 98, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 87, 146 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(123, 87, 146)` looks like.

```
.text, #text, p{  
    color:rgb(123, 87, 146)  
}
```

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(123, 87, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 87, 146) }
```

Border

The CSS property to change the border of an element to RGB 123, 87, 146 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(123, 87, 146) }
```

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

```
.border{ border-color:rgb(123, 87, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 87, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 87, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 87, 146);  
box-shadow:4px 4px 4px 4px rgb(123, 87,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 123, 87, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 87, 146) }
```

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

```
.background{ background-color: rgb(123, 87,  
146) }
```

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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