

Converting Colors

`RYB(132, 78, 121)`

Have a look what the booklet for
RYB(132, 78, 121) contains.

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Color

R_YB(132, 78, 121)

Conversions

Conversions Part 1

Format	Color
Hex	844E79
RGB	132, 78, 121
RGB Percent	52%, 31%, 47%
CMY	0.4824, 0.6941, 0.5255
CMYK	0.00, 0.41, 0.08, 0.48
HSL	312°, 26%, 41%
HSV	312°, 41%, 52%
XYZ	15.6913, 11.7348, 19.5272
YIQ	99.0480, 18.3810, 24.8210

Conversions

Conversions Part 2

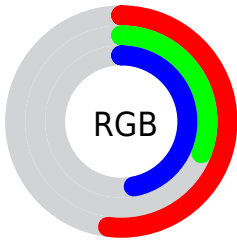
Format	Color
RYB	132, 78, 121
Decimal	8670841
CIELab	40.79, 29.50, -14.87
CIELCh	41, 33.035, 333.248
Yxy	11.7348, 0.3342, 0.2499
Android (android.graphics.Color)	4286860921 (0xFF844E79)
YUV	99.0480, 10.8223, 28.8989
Hunter-Lab	34.2561, 21.8154, -9.8181

Details

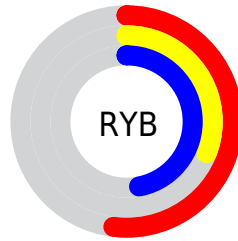
The RYB color **132, 78, 121** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **78, 123, 132**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **186, 128, 173**, and **81, 31, 72** is the 20% darker color. If you saturate the color by 10%, you get **132, 65, 118**, and if you desaturate by 10%, it is **132, 91, 124**.

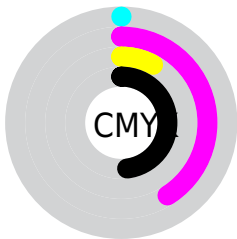
Distribution



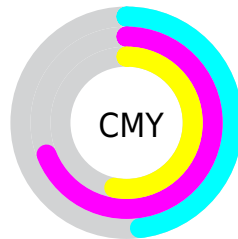
- Red (52%)
- Green (31%)
- Blue (47%)



- Red (52%)
- Yellow (31%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 78, 121 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 RYB color 132, 78, 121 by changing the saturation by 10% instead.



132, 78, 121



132, 78, 121

255, 255, 255



106, 54, 96



186, 128, 173



81, 31, 72



214, 155, 201



57, 6, 50



243, 182, 229



38, 0, 29



255, 210, 255



0, 0, 0



255, 238, 255



132, 78, 121



132, 78, 121



132, 65, 118



132, 91, 124



132, 52, 116



132, 104, 126

■ 132, 38, 113

■ 132, 118, 129

■ 132, 25, 110

■ 132, 131, 132

■ 132, 12, 108

■ 132, 142, 144

■ 132, 0, 105

■ 132, 153, 157

■ 132, 163, 170

■ 132, 175, 184

■ 132, 186, 197

Harmonies

Analogous

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



102, 88, 141



132, 78, 121



146, 73, 94

Triad

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



132, 78, 121



56, 109, 40



0, 58, 125

Complementary

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



132, 78, 121



78, 123, 132

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.



0, 58, 110



132, 78, 121



49, 103, 71

Square

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



132, 78, 121



132, 117, 48



45, 90, 108



0, 61, 144

Rectangle

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



132, 78, 121



147, 75, 76



45, 90, 108



0, 57, 117

Sweetspot

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



132, 78, 121



171, 150, 167



89, 78, 132



87, 75, 84



214, 214, 214



87, 87, 87

Same Dimension

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



132, 78, 121



171, 87, 154



132, 78, 94



66, 60, 65



130, 0, 104



3, 0, 2

Inverse Universe

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



132, 78, 121



171, 87, 154



78, 110, 132



66, 60, 65



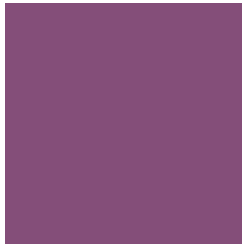
130, 0, 104



3, 0, 2

Previews

White Background



This preview shows how the RYB color 132, 78, 121 looks on a white background.

Color Contrast Check

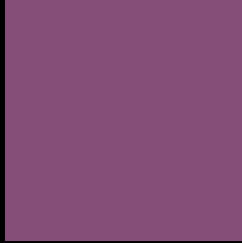
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 132, 78, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

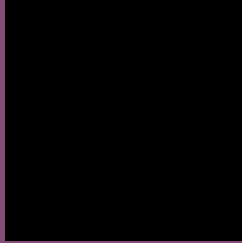
Any Text WCAG AA × Fail

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 132, 78, 121 Background



This preview shows how black text looks on a background with the RGB color 132, 78, 121.



This preview shows how white text looks on a background with the RGB color 132, 78, 121.

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

132, 78, 121

Protanopia

85, 93, 134

Deuteranopia

95, 95, 118



Tritanopia
128, 84, 91

Trichromacy



Original Color
132, 78, 121

Protanomaly
102, 89, 129

Deuteranomaly
108, 89, 119

Tritanomaly
129, 82, 102

Monochromacy



Original Color
132, 78, 121

Achromatopsia
99, 99, 99

Achromatomaly
111, 91, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 78, 121 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(132, 78, 121) looks like.

```
.text, #text, p{  
    color:rgb(132, 78, 121)  
}
```

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(132, 78, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 78, 121) }
```

Border

The CSS property to change the border of an element to RYB 132, 78, 121 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(132, 78, 121) }
```

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

```
.border{ border-color:rgb(132, 78, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 78, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 78, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 78, 121);  
box-shadow:4px 4px 4px 4px rgb(132, 78,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 132, 78, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 78, 121) }
```

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

```
.background{ background-color: rgb(132, 78,  
121) }
```

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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