

Converting Colors

RGB(167, 83, 126)

Have a look what the booklet for
RGB(167, 83, 126) contains.

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Color

RGB(167, 83, 126)

Conversions

Conversions Part 1

Format	Color
Hex	A7537E
RGB	167, 83, 126
RGB Percent	65%, 33%, 49%
CMY	0.3451, 0.6745, 0.5059
CMYK	0.00, 0.50, 0.25, 0.35
HSL	329°, 34%, 49%
HSV	329°, 50%, 65%
XYZ	22.7955, 15.9084, 21.6078
YIQ	113.0180, 36.2610, 31.1810

Conversions

Conversions Part 2

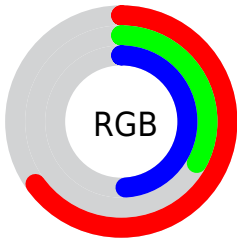
Format	Color
R_{YB}	167, 83, 126
Decimal	10965886
CIE _{Lab}	46.85, 39.73, -8.29
CIE _{LCh}	47, 40.584, 348.215
Yxy	15.9084, 0.3780, 0.2638
Android (android.graphics.Color)	4289155966 (0xFFA7537E)
YUV	113.0180, 6.4001, 47.3422
Hunter-Lab	39.8853, 32.2182, -4.2006

Details

The RGB color **167, 83, 126** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **83, 167, 124**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **224, 135, 179**, and **112, 32, 77** is the 20% darker color. If you saturate the color by 10%, you get **167, 66, 118**, and if you desaturate by 10%, it is **167, 100, 134**.

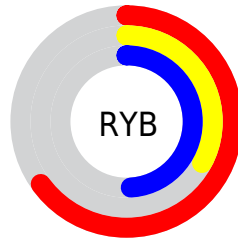
Distribution



Red (65%)

Green (33%)

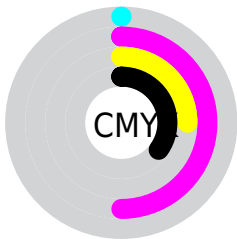
Blue (49%)



Red (65%)

Yellow (33%)

Blue (49%)

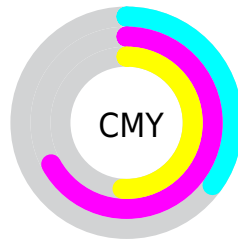


Cyan (0%)

Magenta (50%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 83, 126 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 167, 83, 126 by changing the saturation by 10% instead.



167, 83, 126



167, 83, 126

255, 255, 255



139, 58, 101



224, 135, 179



112, 32, 77



253, 162, 206



86, 1, 54



255, 190, 234



61, 0, 33



255, 218, 255



38, 0, 8



255, 247, 255



0, 0, 0



167, 83, 126



167, 83, 126



167, 66, 118



167, 100, 134



167, 50, 110



167, 116, 142

167, 33, 102

167, 133, 150

167, 16, 93

167, 150, 159

167, 0, 85

167, 166, 167

167, 183, 175

167, 200, 183

167, 217, 191

167, 233, 199

Harmonies

Analogous

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



139, 94, 157



167, 83, 126



175, 82, 92

Triad

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



167, 83, 126



110, 116, 43



0, 125, 161

Complementary

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



167, 83, 126



83, 167, 124

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, 128, 131



167, 83, 126



71, 123, 64

Square

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



167, 83, 126



142, 105, 42



0, 127, 96



0, 119, 178

Rectangle

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



167, 83, 126



170, 88, 71



0, 127, 96



0, 127, 152

Sweetspot

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



167, 83, 126



217, 184, 201



124, 83, 167



110, 90, 100



237, 237, 237



110, 110, 110

Same Dimension

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



167, 83, 126



217, 87, 153



167, 83, 84



84, 76, 80



148, 0, 76



20, 0, 10

Inverse Universe

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



167, 83, 126



217, 87, 153



83, 167, 166



84, 76, 80



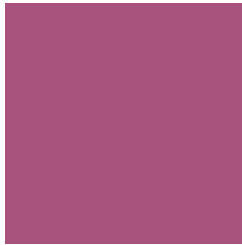
148, 0, 76



20, 0, 10

Previews

White Background



This preview shows how the RGB color 167, 83, 126 looks on a white background.

Color Contrast Check

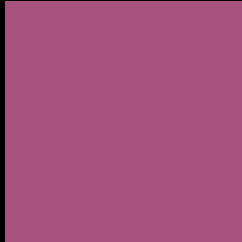
Large Text (above 18pt) WCAG AA ✓ Pass

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 167, 83, 126 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 167, 83, 126 Background



This preview shows how black text looks on a background with the RGB color 167, 83, 126.



This preview shows how white text looks on a background with the RGB color 167, 83, 126.

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


167, 83, 126

Protanopia

103, 110, 144

Deuteranopia

118, 108, 122



Tritanopia

164, 89, 96

Trichromacy



Original Color
167, 83, 126

Protanomaly
126, 100, 137

Deuteranomaly
136, 99, 123

Tritanomaly
165, 87, 107

Monochromacy



Original Color
167, 83, 126

Achromatopsia
113, 113, 113

Achromatomaly
133, 102, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 83, 126 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(167, 83, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 83, 126)  
}
```

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(167, 83, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 83, 126) }
```

Border

The CSS property to change the border of an element to RGB 167, 83, 126 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(167, 83, 126) }
```

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

```
.border{ border-color:rgb(167, 83, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 83, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 83, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 83, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 83,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 167, 83, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 83, 126) }
```

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

```
.background{ background-color: rgb(167, 83,  
126) }
```

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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