

Converting Colors

`RYB(183, 127, 163)`

Have a look what the booklet for
RYB(183, 127, 163) contains.

RYB(183, 127, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(183, 127, 163)

Conversions

Conversions Part 1

Format	Color
Hex	B77FA3
RGB	183, 127, 163
RGB Percent	72%, 50%, 64%
CMY	0.2824, 0.5020, 0.3608
CMYK	0.00, 0.31, 0.11, 0.28
HSL	321°, 28%, 61%
HSV	321°, 31%, 72%
XYZ	33.7287, 27.8904, 38.2560
YIQ	147.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

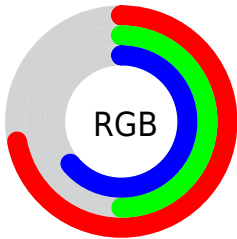
Format	Color
RYB	183, 127, 163
Decimal	12025763
CIELab	59.79, 27.31, -10.46
CIELCh	60, 29.243, 339.052
Yxy	27.8904, 0.3377, 0.2793
Android (android.graphics.Color)	4290215843 (0xFFB77FA3)
YUV	147.8480, 7.4699, 30.8283
Hunter-Lab	52.8113, 21.5816, -5.9812

Details

The RYB color **183, 127, 163** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **127, 168, 183**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **240, 180, 218**, and **129, 77, 111** is the 20% darker color. If you saturate the color by 10%, you get **183, 109, 156**, and if you desaturate by 10%, it is **183, 145, 170**.

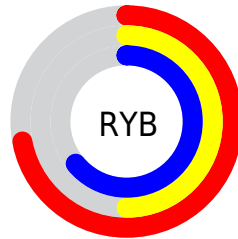
Distribution



Red (72%)

Green (50%)

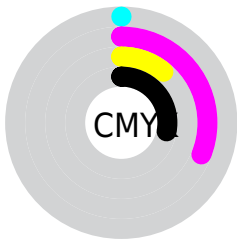
Blue (64%)



Red (72%)

Yellow (50%)

Blue (64%)

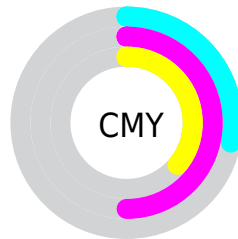


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 183, 127, 163 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 183, 127, 163 by changing the saturation by 10% instead.

 183, 127, 163


255, 255, 255

 240, 180, 218

 255, 208, 246

 255, 237, 255

 183, 127, 163

 156, 102, 137

 129, 77, 111

 103, 53, 87

 78, 30, 64

 54, 7, 42

 36, 0, 22


 0, 0, 0

 183, 127, 163

 183, 109, 156


 183, 127, 163


 183, 145, 170


 183, 90, 150


 183, 164, 176

 183, 72, 143


 183, 182, 183

 183, 54, 137

 183, 196, 200

 183, 36, 130

 183, 209, 219

 183, 17, 124

 183, 223, 237

 183, 0, 118

 183, 236, 255

 183, 233, 255

 183, 230, 255

Harmonies

Analogous

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



157, 135, 184



183, 127, 163



195, 125, 137

Triad

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



183, 127, 163



104, 154, 93



55, 110, 176

Complementary

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



183, 127, 163



127, 168, 183

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.



66, 114, 158



183, 127, 163



103, 152, 129

Square

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



183, 127, 163



177, 175, 96



95, 137, 157



81, 124, 191

Rectangle

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



183, 127, 163



194, 127, 120



95, 137, 157



55, 109, 168

Sweetspot

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



183, 127, 163



237, 216, 230



147, 127, 183



120, 107, 115



247, 247, 247



120, 120, 120

Same Dimension

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



183, 127, 163



237, 149, 206



183, 127, 135



92, 83, 89



156, 0, 100



28, 0, 18

Inverse Universe

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



183, 127, 163



237, 149, 206



127, 157, 183



92, 83, 89



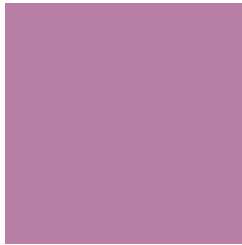
156, 0, 100



28, 0, 18

Previews

White Background



This preview shows how the RYB color 183, 127, 163 looks on a white background.

Color Contrast Check

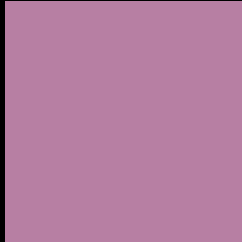
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 183, 127, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

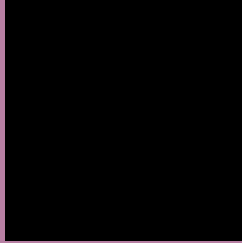
Any Text WCAG AA ✓ Pass

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](#).

RYB 183, 127, 163 Background



This preview shows how black text looks on a background with the RYB color 183, 127, 163.



This preview shows how white text looks on a background with the RYB color 183, 127, 163.

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
183, 127, 163

Protanopia
138, 142, 174

Deuteranopia
151, 140, 161



Tritanopia
180, 131, 141

Trichromacy



Original Color
183, 127, 163

Protanomaly
154, 137, 170

Deuteranomaly
163, 135, 162

Tritanomaly
181, 130, 149

Monochromacy



Original Color
183, 127, 163

Achromatopsia
148, 148, 148

Achromatomaly
161, 140, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 127, 163 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(183, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 127, 163)  
}
```

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(183, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 127, 163) }
```

Border

The CSS property to change the border of an element to RYB 183, 127, 163 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(183, 127, 163) }
```

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

```
.border{ border-color:rgb(183, 127, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 127, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 127, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 127, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 127,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 183, 127, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 127, 163) }
```

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

```
.background{ background-color: rgb(183,  
127, 163) }
```

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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