

Converting Colors

`RYB(186, 123, 141)`

Have a look what the booklet for
RYB(186, 123, 141) contains.

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Color

R_YB(186, 123, 141)

Conversions

Conversions Part 1

Format	Color
Hex	BA7B8D
RGB	186, 123, 141
RGB Percent	73%, 48%, 55%
CMY	0.2706, 0.5176, 0.4471
CMYK	0.00, 0.34, 0.24, 0.27
HSL	343°, 31%, 61%
HSV	343°, 34%, 73%
XYZ	32.1404, 26.5281, 28.6258
YIQ	143.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

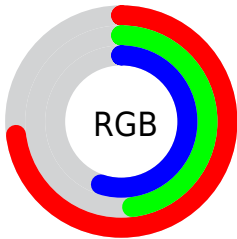
Format	Color
R_{YB}	186, 123, 141
Decimal	12221325
CIE Lab	58.53, 27.07, 0.39
CIE LCh	59, 27.075, 0.815
Yxy	26.5281, 0.3682, 0.3039
Android (android.graphics.Color)	4290411405 (0xFFBA7B8D)
YUV	143.8890, -1.4243, 36.9313
Hunter-Lab	51.5054, 21.2529, 3.1015

Details

The RYB color **186, 123, 141** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **123, 160, 186**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **243, 176, 195**, and **131, 73, 91** is the 20% darker color. If you saturate the color by 10%, you get **186, 104, 128**, and if you desaturate by 10%, it is **186, 142, 154**.

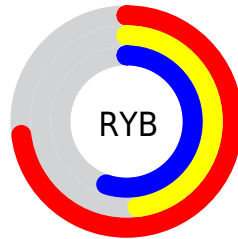
Distribution



Red (73%)

Green (48%)

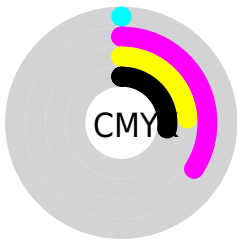
Blue (55%)



Red (73%)

Yellow (48%)

Blue (55%)

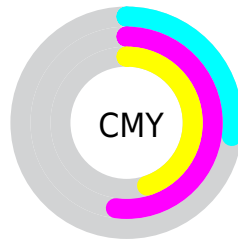


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 123, 141 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 186, 123, 141 by changing the saturation by 10% instead.

 186, 123, 141

255, 255, 255

 243, 176, 195

 255, 204, 222


 255, 232, 251

 186, 123, 141

 158, 98, 116

 131, 73, 91


 105, 49, 68

 80, 26, 45


 55, 3, 25

 35, 0, 1

 0, 0, 0

 186, 123, 141


 186, 104, 128

 186, 123, 141

 186, 142, 154

 186, 86, 114

 186, 160, 168

 186, 67, 101

 186, 179, 181

 186, 49, 88

 186, 192, 197

 186, 30, 75

 186, 204, 216

 186, 11, 61

 186, 215, 235

 186, 0, 53

 186, 225, 253

 186, 223, 255

 186, 221, 255

Harmonies

Analogous

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



172, 127, 164



186, 123, 141



187, 126, 118

Triad

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



186, 123, 141



99, 147, 115



77, 120, 182

Complementary

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



186, 123, 141



123, 160, 186

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.



62, 110, 164



186, 123, 141



104, 142, 152

Square

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



186, 123, 141



118, 157, 93



77, 119, 154



110, 133, 188

Rectangle

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



186, 123, 141



181, 140, 105



77, 119, 154



69, 116, 177

Sweetspot

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



186, 123, 141



242, 218, 225



167, 123, 186



122, 108, 112



250, 250, 250



122, 122, 122

Same Dimension

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



186, 123, 141



242, 143, 171



186, 139, 123



92, 83, 85



156, 0, 44



28, 0, 8

Inverse Universe

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



186, 123, 141



242, 143, 171



123, 151, 186



92, 83, 85



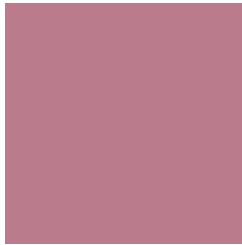
156, 0, 44



28, 0, 8

Previews

White Background



This preview shows how the RYB color 186, 123, 141 looks on a white background.

Color Contrast Check

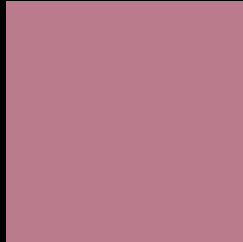
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 123, 141 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 186, 123, 141 Background



This preview shows how black text looks on a background with the RYB color 186, 123, 141.



This preview shows how white text looks on a background with the RYB color 186, 123, 141.

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
185, 124, 134

Trichromacy



Original Color
186, 123, 141

Protanomaly
157, 134, 147

Deuteranomaly
167, 132, 140

Tritanomaly
185, 124, 137

Monochromacy



Original Color
186, 123, 141

Achromatopsia
144, 144, 144

Achromatomaly
159, 136, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 123, 141 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(186, 123, 141) looks like.

```
.text, #text, p{  
    color:rgb(186, 123, 141)  
}
```

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(186, 123, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 141) }
```

Border

The CSS property to change the border of an element to RYB 186, 123, 141 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(186, 123, 141) }
```

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

```
.border{ border-color:rgb(186, 123, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 123, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 141);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 186, 123, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 141) }
```

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

```
.background{ background-color: rgb(186,  
123, 141) }
```

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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