

Converting Colors

`RYB(187, 126, 149)`

Have a look what the booklet for
RYB(187, 126, 149) contains.

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Color

R_YB(187, 126, 149)

Conversions

Conversions Part 1

Format	Color
Hex	BB7E95
RGB	187, 126, 149
RGB Percent	73%, 49%, 58%
CMY	0.2667, 0.5059, 0.4157
CMYK	0.00, 0.33, 0.20, 0.27
HSL	337°, 31%, 61%
HSV	337°, 33%, 73%
XYZ	33.3792, 27.6564, 32.0127
YIQ	146.8610, 28.9730, 20.0850

Conversions

Conversions Part 2

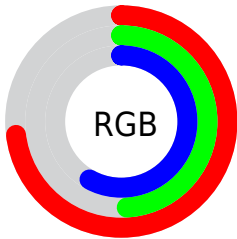
Format	Color
RYB	187, 126, 149
Decimal	12287637
CIELab	59.58, 27.00, -2.68
CIElCh	60, 27.132, 354.322
Yxy	27.6564, 0.3587, 0.2972
Android (android.graphics.Color)	4290477717 (0xFFBB7E95)
YUV	146.8610, 1.0545, 35.2019
Hunter-Lab	52.5894, 21.2649, 0.7210

Details

The RYB color **187, 126, 149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **126, 164, 187**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **244, 179, 203**, and **133, 76, 98** is the 20% darker color. If you saturate the color by 10%, you get **187, 107, 137**, and if you desaturate by 10%, it is **187, 145, 161**.

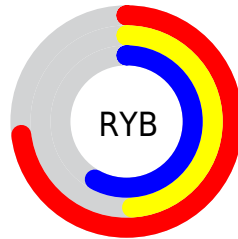
Distribution



Red (73%)

Green (49%)

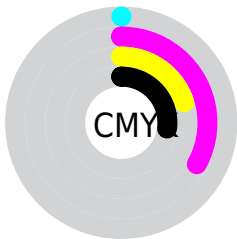
Blue (58%)



Red (73%)

Yellow (49%)

Blue (58%)

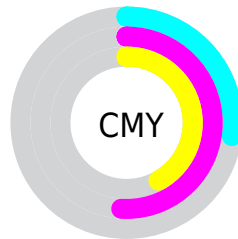


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 187, 126, 149 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 187, 126, 149 by changing the saturation by 10% instead.

 187, 126, 149

255, 255, 255

 244, 179, 203

 255, 207, 231


 255, 235, 255

 187, 126, 149

 159, 101, 123

 133, 76, 98


 106, 52, 75

 81, 29, 52


 57, 5, 31


 38, 0, 6

 0, 0, 0

 187, 126, 149

 187, 107, 137

 187, 126, 149

 187, 145, 161

187, 89, 126

187, 163, 172

187, 70, 114

187, 182, 184

187, 51, 102

187, 196, 201

187, 33, 91

187, 207, 219

187, 14, 79

187, 218, 238

187, 0, 71

187, 228, 255

187, 225, 255

187, 221, 255

Harmonies

Analogous

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



170, 131, 172



187, 126, 149



191, 127, 125

Triad

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



187, 126, 149



99, 148, 107



74, 119, 181

Complementary

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



187, 126, 149



126, 164, 187

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, 112, 162



187, 126, 149



112, 150, 153

Square

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



187, 126, 149



133, 164, 96



85, 126, 156



105, 133, 190

Rectangle

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



187, 126, 149



187, 136, 111



85, 126, 156



68, 116, 176

Sweetspot

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



187, 126, 149



242, 218, 227



164, 126, 187



122, 108, 113



250, 250, 250



122, 122, 122

Same Dimension

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



187, 126, 149



242, 148, 183



187, 134, 126



94, 85, 88



158, 0, 60



31, 0, 12

Inverse Universe

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



187, 126, 149



242, 148, 183



126, 155, 187



94, 85, 88



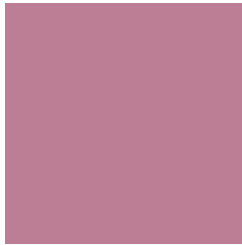
158, 0, 60



31, 0, 12

Previews

White Background



This preview shows how the RYB color 187, 126, 149 looks on a white background.

Color Contrast Check

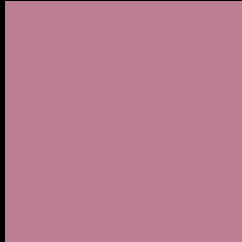
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 126, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

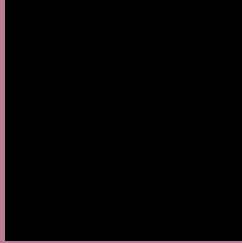
Any Text WCAG AA ✓ Pass

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 187, 126, 149 Background



This preview shows how black text looks on a background with the RYB color 187, 126, 149.



This preview shows how white text looks on a background with the RYB color 187, 126, 149.

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
187, 126, 149

Protanopia
142, 143, 159

Deuteranopia
156, 139, 147



Tritanopia
186, 128, 138

Trichromacy



Original Color
187, 126, 149

Protanomaly
158, 137, 155

Deuteranomaly
167, 134, 148

Tritanomaly
186, 127, 142

Monochromacy



Original Color
187, 126, 149

Achromatopsia
147, 147, 147

Achromatomaly
162, 139, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 126, 149 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(187, 126, 149) looks like.

```
.text, #text, p{  
    color:rgb(187, 126, 149)  
}
```

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(187, 126, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 126, 149) }
```

Border

The CSS property to change the border of an element to RYB 187, 126, 149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

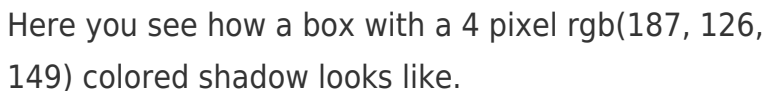
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 126, 149) }
```

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

```
.border{ border-color:rgb(187, 126, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 126, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 126, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 126, 149); box-shadow:4px 4px 4px 4px rgb(187, 126, 149) }
```

Background

The CSS property to change the background color of an element to RYB 187, 126, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 126, 149) }
```

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

```
.background{ background-color: rgb(187,  
126, 149) }
```

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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