

Converting Colors

`RYB(186, 147, 201)`

Have a look what the booklet for
RYB(186, 147, 201) contains.

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Color

R_YB(186, 147, 201)

Conversions

Conversions Part 1

Format	Color
Hex	BA93C9
RGB	186, 147, 201
RGB Percent	73%, 58%, 79%
CMY	0.2706, 0.4235, 0.2118
CMYK	0.07, 0.27, 0.00, 0.21
HSL	283°, 33%, 68%
HSV	283°, 27%, 79%
XYZ	41.2260, 35.5236, 59.9422
YIQ	164.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

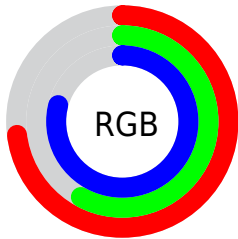
Format	Color
RYB	186, 147, 201
Decimal	12227529
CIELab	66.15, 24.37, -22.27
CIELCh	66, 33.014, 317.578
Yxy	35.5236, 0.3016, 0.2599
Android (android.graphics.Color)	4290417609 (0xFFBA93C9)
YUV	164.8170, 17.8382, 18.5775
Hunter-Lab	59.6017, 19.1642, -17.9076

Details

The RYB color **186, 147, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 201, 186**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **243, 201, 255**, and **132, 96, 147** is the 20% darker color. If you saturate the color by 10%, you get **180, 127, 201**, and if you desaturate by 10%, it is **192, 167, 201**.

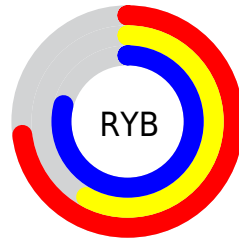
Distribution



Red (73%)

Green (58%)

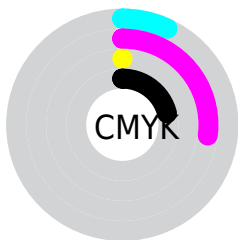
Blue (79%)



Red (73%)

Yellow (58%)

Blue (79%)

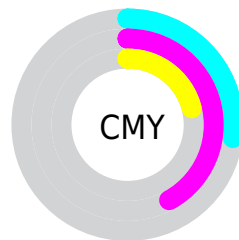


Cyan (7%)

Magenta (27%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 147, 201 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, 147, 201 by changing the saturation by 10% instead.

 186, 147, 201

255, 255, 255

 243, 201, 255

 255, 229, 255


 186, 147, 201

 159, 121, 174

 132, 96, 147

 107, 72, 121

 82, 49, 96

 58, 27, 72

 35, 4, 49

 2, 0, 28

 0, 0, 0

 186, 147, 201

 186, 147, 201

■ 180, 127, 201

■ 192, 167, 201

■ 175, 107, 201

■ 197, 187, 201

■ 169, 87, 201

■ 201, 207, 205

■ 164, 67, 201

■ 201, 227, 220

■ 158, 46, 201

■ 201, 248, 235

■ 152, 26, 201

■ 201, 255, 236

■ 147, 6, 201

■ 201, 255, 231

■ 145, 0, 201

■ 201, 255, 225

■ 201, 255, 220

Harmonies

Analogous

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



147, 157, 217



186, 147, 201



211, 139, 174

Triad

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



186, 147, 201



166, 192, 103



60, 119, 178

Complementary

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



186, 147, 201



147, 201, 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.



93, 143, 176



186, 147, 201



104, 164, 105

Square

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



186, 147, 201



212, 156, 118



120, 172, 162



59, 123, 204

Rectangle

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



186, 147, 201



218, 138, 154



120, 172, 162



70, 126, 177

Sweetspot

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



186, 147, 201



249, 235, 255



147, 159, 201



124, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 147, 201



232, 173, 255



201, 147, 189



97, 90, 99



118, 0, 163



26, 0, 36

Inverse Universe

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



201, 147, 162



255, 173, 196



147, 191, 201



99, 90, 92



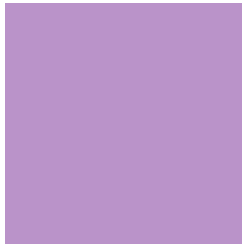
163, 0, 45



36, 0, 10

Previews

White Background



This preview shows how the RYB color 186, 147, 201 looks on a white background.

Color Contrast Check

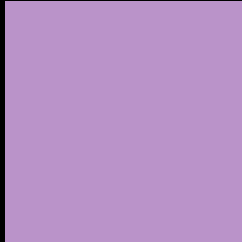
Large Text (above 18pt) WCAG AA × Fail

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, 147, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

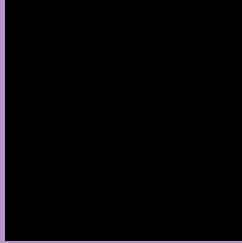
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 186, 147, 201 Background



This preview shows how black text looks on a background with the RYB color 186, 147, 201.



This preview shows how white text looks on a background with the RYB color 186, 147, 201.

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
186, 147, 201

Protanopia
148, 157, 210

Deuteranopia
157, 158, 199



Tritanopia
181, 154, 166

Trichromacy



Original Color
186, 147, 201

Protanomaly
162, 155, 207

Deuteranomaly
168, 154, 200

Tritanomaly
183, 151, 179

Monochromacy



Original Color
186, 147, 201

Achromatopsia
165, 165, 165

Achromatomaly
173, 158, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 147, 201 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, 147, 201) looks like.

```
.text, #text, p{  
    color:rgb(186, 147, 201)  
}
```

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, 147, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 147, 201) }
```

Border

The CSS property to change the border of an element to RYB 186, 147, 201 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, 147, 201) }
```

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

```
.border{ border-color:rgb(186, 147, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 147, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 147, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 147, 201);  
box-shadow:4px 4px 4px 4px rgb(186, 147,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 186, 147, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 147, 201) }
```

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

```
.background{ background-color: rgb(186,  
147, 201) }
```

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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