

Converting Colors

`RYB(186, 105, 157)`

Have a look what the booklet for
RYB(186, 105, 157) contains.

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Color

R_YB(186, 105, 157)

Conversions

Conversions Part 1

Format	Color
Hex	BA699D
RGB	186, 105, 157
RGB Percent	73%, 41%, 62%
CMY	0.2706, 0.5882, 0.3843
CMYK	0.00, 0.44, 0.16, 0.27
HSL	321°, 37%, 57%
HSV	321°, 44%, 73%
XYZ	31.3871, 22.9766, 34.6789
YIQ	135.1470, 31.5840, 33.3440

Conversions

Conversions Part 2

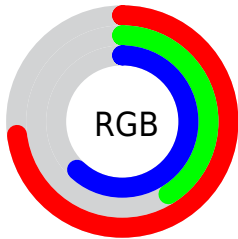
Format	Color
R_{YB}	186, 105, 157
Decimal	12216733
CIE _{Lab}	55.05, 39.36, -14.09
CIE _{LCh}	55, 41.803, 340.307
Yxy	22.9766, 0.3525, 0.2580
Android (android.graphics.Color)	4290406813 (0xFFBA699D)
YUV	135.1470, 10.7735, 44.5981
Hunter-Lab	47.9339, 32.9974, -9.3411

Details

The RYB color **186, 105, 157** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **105, 165, 186**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **244, 158, 212**, and **131, 54, 106** is the 20% darker color. If you saturate the color by 10%, you get **186, 86, 150**, and if you desaturate by 10%, it is **186, 124, 164**.

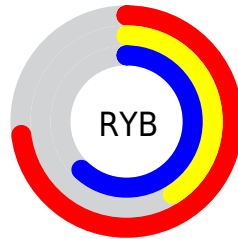
Distribution



Red (73%)

Green (41%)

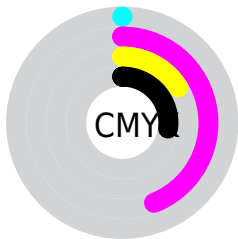
Blue (62%)



Red (73%)

Yellow (41%)

Blue (62%)

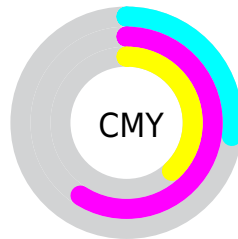


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (59%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 105, 157 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, 105, 157 by changing the saturation by 10% instead.

 186, 105, 157


255, 255, 255

 244, 158, 212


 255, 186, 240

 255, 214, 255

 255, 243, 255

 186, 105, 157

 158, 79, 131

 131, 54, 106

 104, 29, 81

 79, 0, 58


 54, 0, 37


 29, 0, 14

 0, 0, 0

 186, 105, 157

 186, 86, 150

 186, 105, 157


 186, 124, 164


 186, 68, 144

 186, 142, 170

 186, 49, 137

 186, 161, 177

 186, 31, 130

 186, 179, 184

 186, 12, 124

 186, 195, 198

 186, 0, 119

 186, 209, 217

 186, 222, 235

 186, 236, 254

 186, 234, 255

Harmonies

Analogous

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



151, 117, 187



186, 105, 157



200, 101, 121

Triad

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



186, 105, 157



66, 141, 58



0, 81, 178

Complementary

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



186, 105, 157



105, 165, 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.



0, 77, 150



186, 105, 157



74, 143, 115

Square

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



186, 105, 157



162, 173, 63



47, 111, 148



0, 83, 199

Rectangle

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



186, 105, 157



198, 106, 97



47, 111, 148



0, 79, 167

Sweetspot

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



186, 105, 157



242, 211, 231



133, 105, 186



122, 103, 115



250, 250, 250



122, 122, 122

Same Dimension

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



186, 105, 157



242, 116, 197



186, 105, 117



92, 83, 89



156, 0, 100



28, 0, 18

Inverse Universe

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



186, 105, 157



242, 116, 197



105, 149, 186



92, 83, 89



156, 0, 100



28, 0, 18

Previews

White Background



This preview shows how the RYB color 186, 105, 157 looks on a white background.

Color Contrast Check

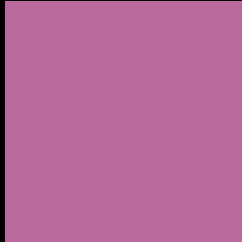
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105, 157 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, 105, 157 Background



This preview shows how black text looks on a background with the RYB color 186, 105, 157.

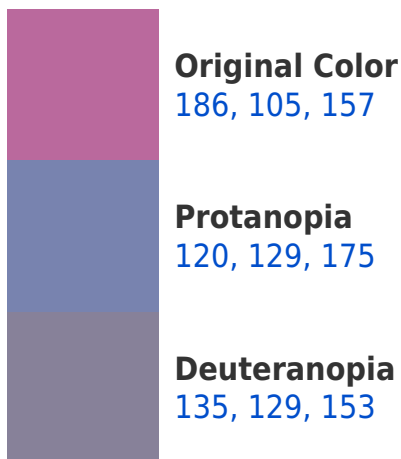


This preview shows how white text looks on a background with the RYB color 186, 105, 157.

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
182, 112, 121

Trichromacy



Original Color
186, 105, 157

Protanomaly
144, 122, 168

Deuteranomaly
154, 120, 154

Tritanomaly
183, 109, 134

Monochromacy



Original Color
186, 105, 157

Achromatopsia
135, 135, 135

Achromatomaly
154, 124, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 105, 157 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, 105, 157) looks like.

```
.text, #text, p{  
    color:rgb(186, 105, 157)  
}
```

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, 105, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 105, 157) }
```

Border

The CSS property to change the border of an element to RYB 186, 105, 157 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, 105, 157) }
```

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

```
.border{ border-color:rgb(186, 105, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 105, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 105, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 105, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 105,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 186, 105, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 105, 157) }
```

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

```
.background{ background-color: rgb(186,  
105, 157) }
```

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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