

Converting Colors

`RYB(186, 105, 136)`

Have a look what the booklet for
RYB(186, 105, 136) contains.

RYB(186, 105, 136)	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(186, 105, 136)

Conversions

Conversions Part 1

Format	Color
Hex	BA6988
RGB	186, 105, 136
RGB Percent	73%, 41%, 53%
CMY	0.2706, 0.5882, 0.4667
CMYK	0.00, 0.44, 0.27, 0.27
HSL	337°, 37%, 57%
HSV	337°, 44%, 73%
XYZ	29.7452, 22.3198, 26.0330
YIQ	132.7530, 38.3250, 26.8130

Conversions

Conversions Part 2

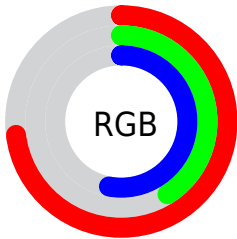
Format	Color
R_{YB}	186, 105, 136
Decimal	12216712
CIE _{Lab}	54.36, 36.17, -2.81
CIE _{LCh}	54, 36.279, 355.552
Yxy	22.3198, 0.3809, 0.2858
Android (android.graphics.Color)	4290406792 (0xFFBA6988)
YUV	132.7530, 1.6008, 46.6976
Hunter-Lab	47.2439, 29.7086, 0.3999

Details

The RYB color **186, 105, 136** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **105, 155, 186**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **244, 158, 189**, and **131, 55, 86** is the 20% darker color. If you saturate the color by 10%, you get **186, 86, 125**, and if you desaturate by 10%, it is **186, 124, 147**.

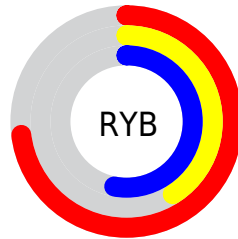
Distribution



Red (73%)

Green (41%)

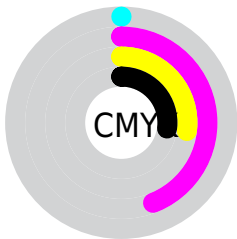
Blue (53%)



Red (73%)

Yellow (41%)

Blue (53%)

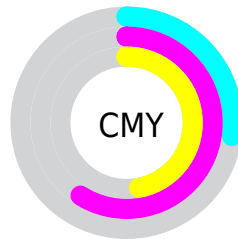


Cyan (0%)

Magenta (44%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (59%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 105, 136 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, 136 by changing the saturation by 10% instead.

 186, 105, 136

255, 255, 255

 244, 158, 189

 255, 185, 217

 255, 213, 245

 255, 242, 255

 186, 105, 136

 158, 80, 111

 131, 55, 86

 104, 30, 63

 78, 1, 41

 53, 0, 21

 24, 0, 1

 0, 0, 0

 186, 105, 136

 186, 86, 125

 186, 105, 136

 186, 124, 147

 186, 68, 113

 186, 142, 159

 186, 49, 102

 186, 161, 170

 186, 31, 90

 186, 179, 182

 186, 12, 79

 186, 194, 198

 186, 0, 71

 186, 205, 217

 186, 216, 235

 186, 228, 254

 186, 225, 255

Harmonies

Analogous

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



165, 112, 166



186, 105, 136



189, 107, 105

Triad

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



186, 105, 136



72, 136, 86



0, 80, 181

Complementary

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



186, 105, 136



105, 155, 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, 75, 156



186, 105, 136



85, 136, 143

Square

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



186, 105, 136



106, 154, 67



31, 95, 146



69, 112, 192

Rectangle

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



186, 105, 136



183, 121, 87



31, 95, 146



0, 79, 174

Sweetspot

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



186, 105, 136



242, 211, 223



155, 105, 186



122, 103, 110



250, 250, 250



122, 122, 122

Same Dimension

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



186, 105, 136



242, 116, 164



186, 115, 105



92, 83, 86



156, 0, 60



28, 0, 11

Inverse Universe

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



186, 105, 136



242, 116, 164



105, 143, 186



92, 83, 86



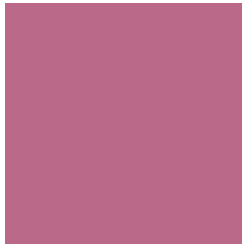
156, 0, 60



28, 0, 11

Previews

White Background



This preview shows how the RYB color 186, 105, 136 looks on a white background.

Color Contrast Check

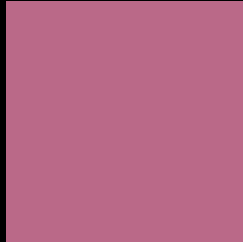
Large Text (above 18pt) WCAG AA ✓ Pass

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, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

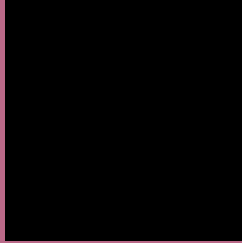
Any Text WCAG AA ✓ Pass

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, 136 Background



This preview shows how black text looks on a background with the RYB color 186, 105, 136.

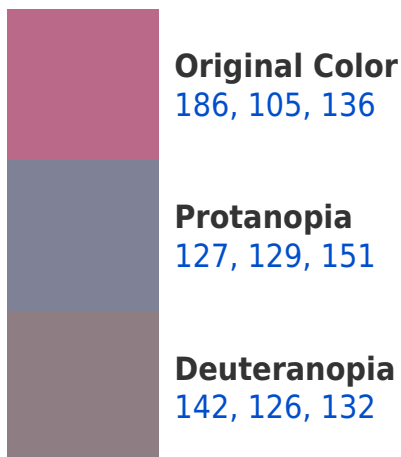



This preview shows how white text looks on a background with the RYB color 186, 105, 136.

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
184, 109, 117

Trichromacy



Original Color
186, 105, 136

Protanomaly
148, 120, 146

Deuteranomaly
158, 118, 133

Tritanomaly
185, 108, 124

Monochromacy



Original Color
186, 105, 136

Achromatopsia
133, 133, 133

Achromatomaly
152, 123, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 105, 136 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(186, 105, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 105, 136) }
```

Border

The CSS property to change the border of an element to RYB 186, 105, 136 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, 136) }
```

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

```
.border{ border-color:rgb(186, 105, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 105, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 105, 136); box-shadow:4px 4px 4px 4px rgb(186, 105, 136) }
```

Background

The CSS property to change the background color of an element to RYB 186, 105, 136 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, 136) }
```

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

```
.background{ background-color: rgb(186,  
105, 136) }
```

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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