

Converting Colors

`RYB(186, 134, 182)`

Have a look what the booklet for RYB(186, 134, 182) contains.

RYB(186, 134, 182)	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, 134, 182)

Conversions

Conversions Part 1

Format	Color
Hex	BA86B6
RGB	186, 134, 182
RGB Percent	73%, 53%, 71%
CMY	0.2706, 0.4745, 0.2863
CMYK	0.00, 0.28, 0.02, 0.27
HSL	305°, 27%, 63%
HSV	305°, 28%, 73%
XYZ	37.2183, 30.8667, 48.2522
YIQ	155.0200, 15.5840, 25.9520

Conversions

Conversions Part 2

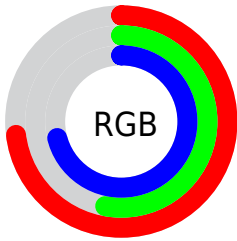
Format	Color
RYB	186, 134, 182
Decimal	12224182
CIELab	62.39, 27.89, -17.32
CIELCh	62, 32.829, 328.163
Yxy	30.8667, 0.3199, 0.2653
Android (android.graphics.Color)	4290414262 (0xFFBA86B6)
YUV	155.0200, 13.3011, 27.1695
Hunter-Lab	55.5578, 22.3514, -12.6032

Details

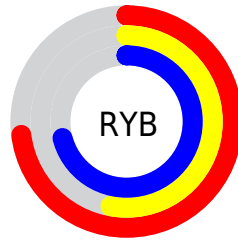
The RYB color **186, 134, 182** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 182, 186**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **243, 188, 238**, and **132, 83, 129** is the 20% darker color. If you saturate the color by 10%, you get **186, 115, 181**, and if you desaturate by 10%, it is **186, 153, 183**.

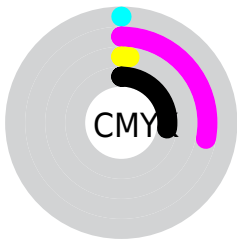
Distribution



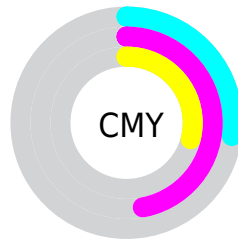
- Red (73%)
- Green (53%)
- Blue (71%)



- Red (73%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (27%)



- Cyan (27%)
- Magenta (47%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 134, 182 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, 134, 182 by changing the saturation by 10% instead.


 186, 134, 182


255, 255, 255

 243, 188, 238

 255, 216, 255


 255, 244, 255

 186, 134, 182

 159, 108, 155

 132, 83, 129

 106, 60, 104

 81, 36, 80


 57, 13, 57

 37, 0, 35

 0, 0, 10


 0, 0, 0


 186, 134, 182

 186, 134, 182

 186, 115, 181

 186, 153, 183

 186, 97, 179

 186, 171, 185

 186, 78, 178


 186, 190, 190

 186, 60, 176

 186, 206, 208

 186, 41, 175

 186, 224, 227

 186, 22, 173

 186, 241, 246

 186, 4, 172

 186, 249, 255

 186, 0, 172

 186, 249, 255

 186, 247, 255

Harmonies

Analogous

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



152, 144, 202



186, 134, 182



205, 129, 154

Triad

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



186, 134, 182



126, 172, 92



39, 105, 177

Complementary

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



186, 134, 182



134, 182, 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.



70, 123, 166



186, 134, 182



99, 157, 114

Square

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



186, 134, 182



195, 161, 102



108, 154, 163



59, 119, 200

Rectangle

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



186, 134, 182



208, 129, 134



108, 154, 163



47, 107, 168

Sweetspot

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



186, 134, 182



242, 223, 241



137, 134, 186



122, 110, 121



250, 250, 250



122, 122, 122

Same Dimension

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



186, 134, 182



242, 160, 236



186, 134, 157



92, 83, 91



156, 0, 144



28, 0, 26

Inverse Universe

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



186, 134, 182



242, 160, 236



134, 167, 186



92, 83, 91



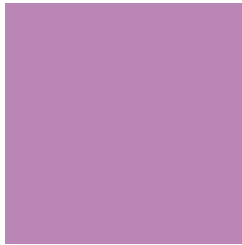
156, 0, 144



28, 0, 26

Previews

White Background



This preview shows how the RYB color 186, 134, 182 looks on a white background.

Color Contrast Check

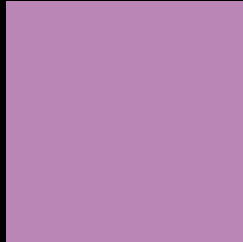
Large Text (above 18pt) WCAG AA × Fail

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, 134, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

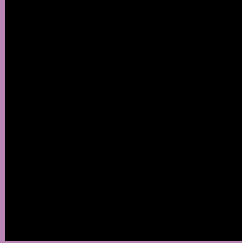
Any Text WCAG AA ✓ Pass

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, 134, 182 Background



This preview shows how black text looks on a background with the RYB color 186, 134, 182.

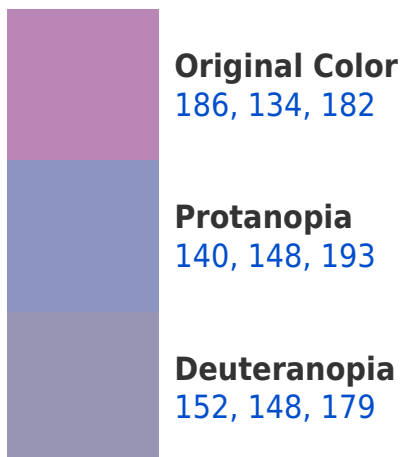


This preview shows how white text looks on a background with the RYB color 186, 134, 182.

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, 140, 151

Trichromacy



Original Color
186, 134, 182

Protanomaly
157, 144, 189

Deuteranomaly
164, 143, 180

Tritanomaly
183, 138, 162

Monochromacy



Original Color
186, 134, 182

Achromatopsia
155, 155, 155

Achromatomaly
166, 147, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 134, 182 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, 134, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 134, 182)  
}
```

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, 134, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 134, 182) }
```

Border

The CSS property to change the border of an element to RYB 186, 134, 182 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, 134, 182) }
```

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

```
.border{ border-color:rgb(186, 134, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 134, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 134, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 134, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 134,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 186, 134, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 134, 182) }
```

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

```
.background{ background-color: rgb(186,  
134, 182) }
```

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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