

Converting Colors

`RYB(186, 130, 169)`

Have a look what the booklet for
RYB(186, 130, 169) contains.

RYB(186, 130, 169)	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, 130, 169)

Conversions

Conversions Part 1

Format	Color
Hex	BA82A9
RGB	186, 130, 169
RGB Percent	73%, 51%, 66%
CMY	0.2706, 0.4902, 0.3373
CMYK	0.00, 0.30, 0.09, 0.27
HSL	318°, 29%, 62%
HSV	318°, 30%, 73%
XYZ	35.3938, 29.2689, 41.3201
YIQ	151.1900, 20.8570, 24.0010

Conversions

Conversions Part 2

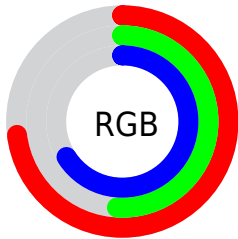
Format	Color
RYB	186, 130, 169
Decimal	12223145
CIELab	61.02, 27.75, -12.01
CIELCh	61, 30.233, 336.597
Yxy	29.2689, 0.3340, 0.2762
Android (android.graphics.Color)	4290413225 (0xFFBA82A9)
YUV	151.1900, 8.7803, 30.5284
Hunter-Lab	54.1008, 22.1018, -7.4129

Details

The RYB color **186, 130, 169** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 173, 186**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **243, 184, 224**, and **132, 80, 117** is the 20% darker color. If you saturate the color by 10%, you get **186, 111, 163**, and if you desaturate by 10%, it is **186, 149, 175**.

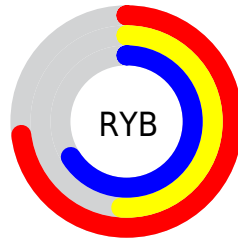
Distribution



Red (73%)

Green (51%)

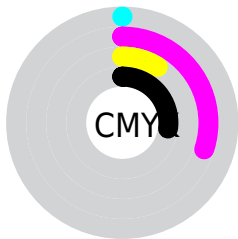
Blue (66%)



Red (73%)

Yellow (51%)

Blue (66%)

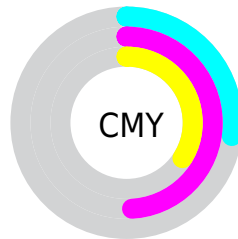


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 130, 169 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, 130, 169 by changing the saturation by 10% instead.

 186, 130, 169

255, 255, 255

 243, 184, 224

 255, 211, 253


 255, 240, 255

 186, 130, 169

 159, 104, 143

 132, 80, 117

 106, 56, 92

 81, 33, 69

 57, 9, 46

 37, 0, 26

 0, 0, 0

 186, 130, 169


 186, 111, 163

 186, 130, 169

 186, 149, 175

 186, 93, 158

 186, 167, 180

 186, 74, 152


 186, 186, 186

 186, 56, 146

 186, 200, 204

 186, 37, 141

 186, 215, 223

 186, 18, 135

 186, 229, 242

 186, 0, 130

 186, 238, 255

 186, 235, 255

 186, 232, 255

Harmonies

Analogous

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



158, 138, 190



186, 130, 169



199, 127, 142

Triad

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



186, 130, 169



109, 160, 94



53, 111, 178

Complementary

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



186, 130, 169



130, 173, 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.



67, 117, 162



186, 130, 169



104, 155, 128

Square

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



186, 130, 169



183, 172, 99



99, 142, 160



78, 125, 196

Rectangle

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



186, 130, 169



200, 129, 125



99, 142, 160



53, 109, 170

Sweetspot

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



186, 130, 169



242, 220, 236



147, 130, 186



122, 109, 118



250, 250, 250



122, 122, 122

Same Dimension

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



186, 130, 169



242, 155, 216



186, 130, 141



92, 83, 89



156, 0, 108



28, 0, 20

Inverse Universe

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



186, 130, 169



242, 155, 216



130, 161, 186



92, 83, 89



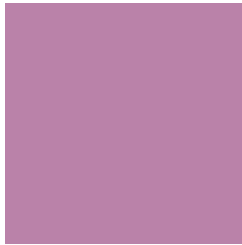
156, 0, 108



28, 0, 20

Previews

White Background



This preview shows how the RYB color 186, 130, 169 looks on a white background.

Color Contrast Check

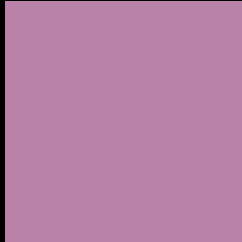
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

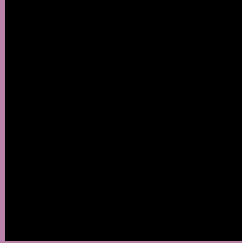
Any Text WCAG AA ✓ Pass

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, 130, 169 Background



This preview shows how black text looks on a background with the RYB color 186, 130, 169.

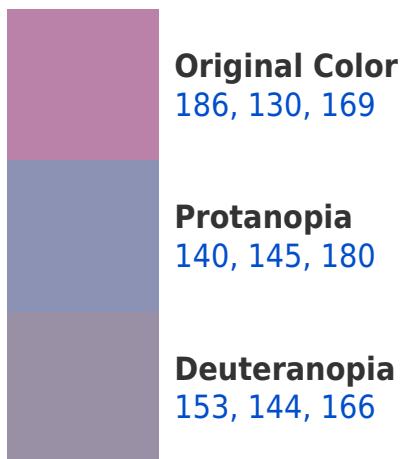



This preview shows how white text looks on a background with the RYB color 186, 130, 169.

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

183, 134, 145

Trichromacy



Original Color
186, 130, 169

Protanomaly
157, 140, 176

Deuteranomaly
165, 139, 167

Tritanomaly
184, 133, 154

Monochromacy



Original Color
186, 130, 169

Achromatopsia
151, 151, 151

Achromatomaly
164, 143, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 130, 169 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, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 169)  
}
```

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, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 169) }
```

Border

The CSS property to change the border of an element to RYB 186, 130, 169 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, 130, 169) }
```

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

```
.border{ border-color:rgb(186, 130, 169) }
```

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

Here you see how a box with a 4 pixel rgb(186, 130, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 186, 130, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 169) }
```

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

```
.background{ background-color: rgb(186,  
130, 169) }
```

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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