

# Converting Colors

`RYB(186, 140, 156)`

Have a look what the booklet for  
RYB(186, 140, 156) contains.

<b>RYB(186, 140, 156)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**$\text{RYB}(186, 140, 156)$**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA8C9C
RGB	186, 140, 156
RGB Percent	73%, 55%, 61%
CMY	0.2706, 0.4510, 0.3882
CMYK	0.00, 0.25, 0.16, 0.27
HSL	339°, 25%, 64%
HSV	339°, 25%, 73%
XYZ	35.6285, 31.5956, 35.6732
YIQ	155.5780, 22.2800, 14.7280

# Conversions

## Conversions Part 2

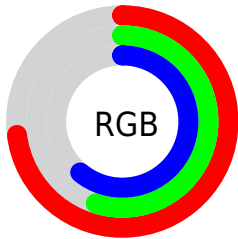
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 140, 156
Decimal	12225692
CIELab	63.01, 19.97, -1.66
CIELCh	63, 20.035, 355.255
Yxy	31.5956, 0.3463, 0.3071
Android (android.graphics.Color)	4290415772 (0xFFBA8C9C)
YUV	155.5780, 0.2080, 26.6801
Hunter-Lab	56.2099, 14.7744, 1.7190

# Details

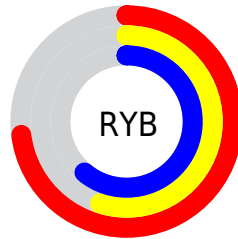
The RYB color **186, 140, 156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 168, 186**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **243, 194, 210**, and **132, 90, 105** is the 20% darker color. If you saturate the color by 10%, you get **186, 121, 144**, and if you desaturate by 10%, it is **186, 159, 168**.

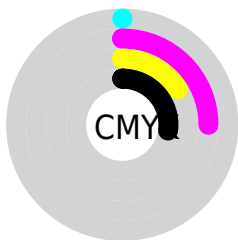
# Distribution



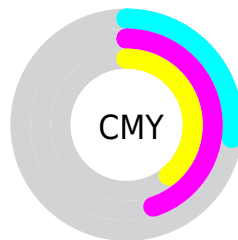
- Red (73%)
- Green (55%)
- Blue (61%)



- Red (73%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (27%)



- Cyan (27%)
- Magenta (45%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 186, 140, 156 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, 140, 156 by changing the saturation by 10% instead.



 186, 140, 156


255, 255, 255

 243, 194, 210

 255, 222, 239

 255, 251, 255


 186, 140, 156

 159, 114, 130

 132, 90, 105

 106, 66, 81

 82, 43, 58

 58, 21, 36


 37, 0, 15

 0, 0, 0

 186, 140, 156


 186, 121, 144

 186, 140, 156


 186, 159, 168

 186, 103, 132

 186, 177, 180

 186, 84, 120

 186, 192, 196

 186, 66, 107

 186, 203, 214

 186, 47, 95

 186, 214, 233

 186, 28, 83

 186, 226, 252

 186, 10, 71

 186, 224, 255

 186, 0, 65

 186, 221, 255

 186, 221, 255

# Harmonies

## Analogous

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



173, 143, 173



186, 140, 156



189, 141, 138

# Triad

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



186, 140, 156



120, 156, 126



108, 138, 181

# Complementary

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



186, 140, 156



140, 168, 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.



103, 134, 167



186, 140, 156



129, 157, 160

# Square

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



186, 140, 156



147, 169, 117



112, 141, 162



128, 147, 188

# Rectangle

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



186, 140, 156



186, 148, 128



112, 141, 162



105, 137, 177



# Sweetspot

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



186, 140, 156



242, 225, 231



170, 140, 186



122, 113, 116



250, 250, 250



122, 122, 122



# Same Dimension

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



186, 140, 156



242, 170, 195



186, 148, 140



92, 83, 86



156, 0, 54



28, 0, 10



# Inverse Universe

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



186, 140, 156



242, 170, 195



140, 161, 186



92, 83, 86



156, 0, 54

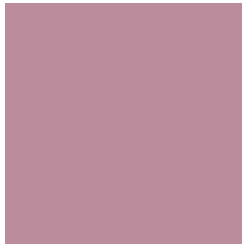


28, 0, 10



# Previews

## White Background



This preview shows how the RYB color 186, 140, 156 looks on a white background.

## Color Contrast Check

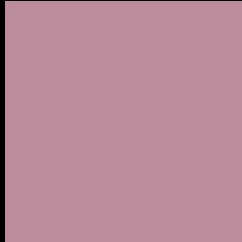
Large Text (above 18pt) WCAG AA × Fail

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, 140, 156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

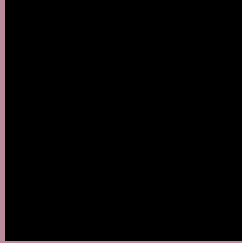
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 186, 140, 156 Background



This preview shows how black text looks on a background with the RYB color 186, 140, 156.

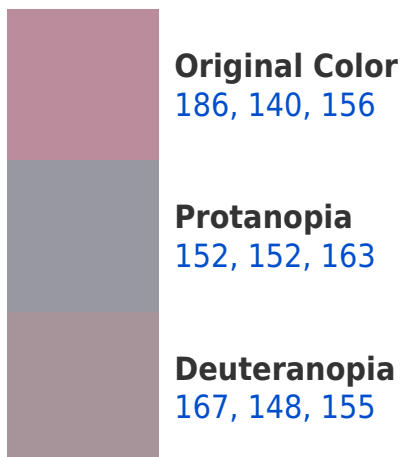



This preview shows how white text looks on a background with the RYB color 186, 140, 156.

# 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**  
185, 141, 152

# Trichromacy



**Original Color**

186, 140, 156

**Protanomaly**

164, 148, 160

**Deuteranomaly**

174, 145, 155

**Tritanomaly**

185, 141, 153

# Monochromacy



**Original Color**

186, 140, 156

**Achromatopsia**

156, 156, 156

**Achromatomaly**

167, 150, 156

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 186, 140, 156 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, 140, 156) looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 156)  
}
```

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, 140, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 156) }
```

## Border

The CSS property to change the border of an element to RYB 186, 140, 156 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, 140, 156) }
```

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

```
.border{ border-color:rgb(186, 140, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 140, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 156);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
156) }
```

# Background

The CSS property to change the background color of an element to RYB 186, 140, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 140, 156) }
```

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

```
.background{ background-color: rgb(186,  
140, 156) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor