

Converting Colors

`RYB(186, 117, 130)`

Have a look what the booklet for
RYB(186, 117, 130) contains.

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Color

R_YB(186, 117, 130)

Conversions

Conversions Part 1

Format	Color
Hex	BA7582
RGB	186, 117, 130
RGB Percent	73%, 46%, 51%
CMY	0.2706, 0.5412, 0.4902
CMYK	0.00, 0.37, 0.30, 0.27
HSL	349°, 33%, 59%
HSV	349°, 37%, 73%
XYZ	30.6403, 24.7734, 24.2859
YIQ	139.1130, 36.9510, 18.6710

Conversions

Conversions Part 2

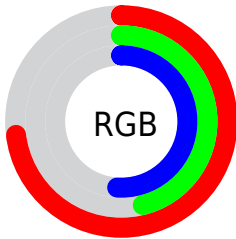
Format	Color
R _Y B	186, 117, 130
Decimal	12219778
CIE Lab	56.85, 28.81, 4.32
CIE LCh	57, 29.134, 8.526
Yxy	24.7734, 0.3844, 0.3108
Android (android.graphics.Color)	4290409858 (0xFFBA7582)
YUV	139.1130, -4.4927, 41.1199
Hunter-Lab	49.7729, 22.7823, 5.9114

Details

The RYB color **186, 117, 130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117, 155, 186**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **244, 170, 183**, and **131, 67, 81** is the 20% darker color. If you saturate the color by 10%, you get **186, 98, 115**, and if you desaturate by 10%, it is **186, 136, 145**.

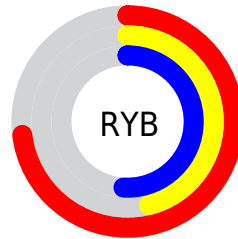
Distribution



Red (73%)

Green (46%)

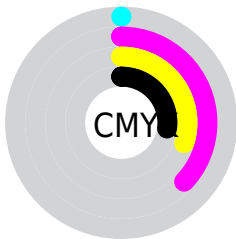
Blue (51%)



Red (73%)

Yellow (46%)

Blue (51%)

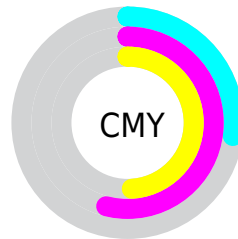


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 117, 130 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, 117, 130 by changing the saturation by 10% instead.

 186, 117, 130

255, 255, 255

 244, 170, 183

 255, 197, 210

 255, 226, 239

 186, 117, 130

 158, 92, 105

 131, 67, 81

 104, 44, 58

 79, 20, 37

 54, 0, 15

 29, 0, 1

 0, 0, 0

 186, 117, 130

 186, 98, 115


 186, 117, 130

 186, 136, 145


 186, 80, 100

 186, 154, 160

 186, 61, 85

 186, 173, 175

 186, 43, 70

 186, 189, 191

 186, 24, 55

 186, 199, 210

 186, 5, 39

 186, 210, 229

 186, 0, 35

 186, 220, 247

 186, 222, 255

 186, 221, 255

Harmonies

Analogous

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



174, 120, 156



186, 117, 130



184, 125, 106

Triad

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



186, 117, 130



96, 144, 121



72, 116, 183

Complementary

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



186, 117, 130



117, 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.



45, 101, 167



186, 117, 130



88, 129, 149

Square

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



186, 117, 130



98, 147, 86



58, 106, 150



113, 130, 186

Rectangle

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



186, 117, 130



175, 147, 94



58, 106, 150



60, 110, 179

Sweetspot

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



186, 117, 130



242, 216, 221



172, 117, 186



122, 106, 109



250, 250, 250



122, 122, 122

Same Dimension

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



186, 117, 130



242, 133, 154



186, 147, 117



92, 83, 84



156, 0, 29



28, 0, 5

Inverse Universe

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



186, 117, 130



242, 133, 154



117, 145, 186



92, 83, 84



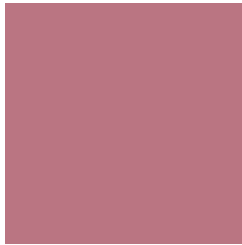
156, 0, 29



28, 0, 5

Previews

White Background



This preview shows how the RYB color 186, 117, 130 looks on a white background.

Color Contrast Check

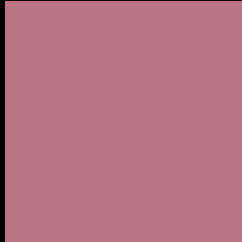
Large Text (above 18pt) WCAG AA ✓ Pass

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, 117, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

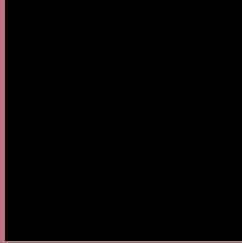
Any Text WCAG AA ✓ Pass

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, 117, 130 Background



This preview shows how black text looks on a background with the RYB color 186, 117, 130.

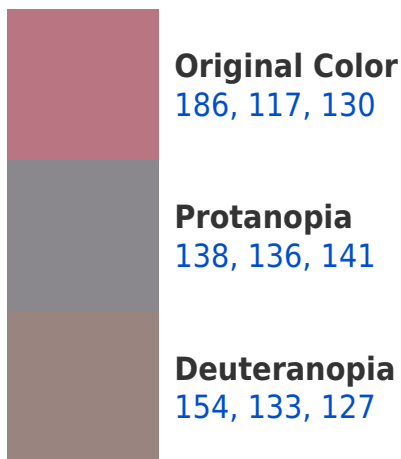



This preview shows how white text looks on a background with the RYB color 186, 117, 130.

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
186, 118, 126

Trichromacy



Original Color
186, 117, 130

Protanomaly
155, 129, 137

Deuteranomaly
166, 127, 128

Tritanomaly
186, 118, 127

Monochromacy



Original Color
186, 117, 130

Achromatopsia
139, 139, 139

Achromatomaly
156, 131, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 117, 130 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, 117, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 117, 130)  
}
```

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, 117, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 117, 130) }
```

Border

The CSS property to change the border of an element to RYB 186, 117, 130 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, 117, 130) }
```

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

```
.border{ border-color:rgb(186, 117, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 117, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 117, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 117, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 117,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 186, 117, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 117, 130) }
```

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

```
.background{ background-color: rgb(186,  
117, 130) }
```

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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