

Converting Colors

`RYB(186, 102, 160)`

Have a look what the booklet for
RYB(186, 102, 160) contains.

RYB(186, 102, 160)	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, 102, 160)

Conversions

Conversions Part 1

Format	Color
Hex	BA66A0
RGB	186, 102, 160
RGB Percent	73%, 40%, 63%
CMY	0.2706, 0.6000, 0.3725
CMYK	0.00, 0.45, 0.14, 0.27
HSL	319°, 38%, 56%
HSV	319°, 45%, 73%
XYZ	31.3462, 22.4799, 35.9446
YIQ	133.7280, 31.4460, 35.8460

Conversions

Conversions Part 2

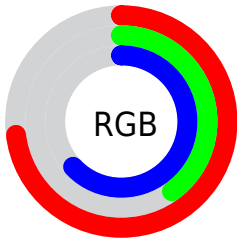
Format	Color
RYB	186, 102, 160
Decimal	12215968
CIELab	54.53, 41.43, -16.62
CIELCh	55, 44.639, 338.145
Yxy	22.4799, 0.3492, 0.2504
Android (android.graphics.Color)	4290406048 (0xFFBA66A0)
YUV	133.7280, 12.9521, 45.8425
Hunter-Lab	47.4130, 35.0393, -11.7597

Details

The RYB color **186, 102, 160** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 166, 186**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **244, 155, 215**, and **131, 51, 108** is the 20% darker color. If you saturate the color by 10%, you get **186, 83, 154**, and if you desaturate by 10%, it is **186, 121, 166**.

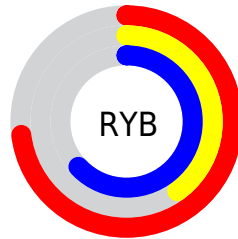
Distribution



Red (73%)

Green (40%)

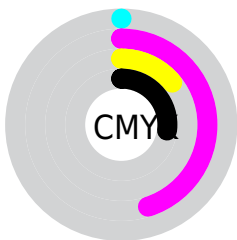
Blue (63%)



Red (73%)

Yellow (40%)

Blue (63%)

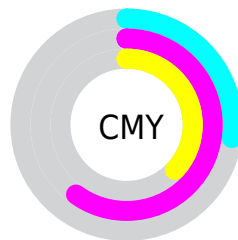


Cyan (0%)

Magenta (45%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 102, 160 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, 102, 160 by changing the saturation by 10% instead.

 186, 102, 160

255, 255, 255


 244, 155, 215


 255, 183, 243

 255, 211, 255

 255, 240, 255

 186, 102, 160

 158, 76, 134

 131, 51, 108

 104, 24, 84


 78, 0, 61

 54, 0, 39

 28, 0, 17


 0, 0, 0

 186, 102, 160

 186, 83, 154


 186, 102, 160

 186, 121, 166


 186, 65, 148

 186, 139, 172

 186, 46, 143

 186, 158, 177

 186, 28, 137

 186, 176, 183

 186, 9, 131

 186, 193, 195

 186, 0, 128

 186, 207, 214

 186, 221, 232

 186, 236, 251

 186, 236, 255

Harmonies

Analogous

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



147, 116, 191



186, 102, 160



202, 97, 121

Triad

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



186, 102, 160



62, 143, 50



0, 81, 177

Complementary

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



186, 102, 160



102, 166, 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, 78, 150



186, 102, 160



67, 142, 108

Square

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



186, 102, 160



172, 176, 58



41, 110, 148



0, 83, 202

Rectangle

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



186, 102, 160



201, 101, 96



41, 110, 148



0, 79, 166

Sweetspot

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



186, 102, 160



242, 208, 232



127, 102, 186



122, 102, 116



250, 250, 250



122, 122, 122

Same Dimension

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



186, 102, 160



242, 111, 202



186, 102, 119



92, 83, 89



156, 0, 107



28, 0, 19

Inverse Universe

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



186, 102, 160



242, 111, 202



102, 149, 186



92, 83, 89



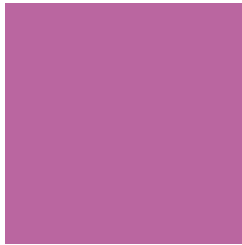
156, 0, 107



28, 0, 19

Previews

White Background



This preview shows how the RYB color 186, 102, 160 looks on a white background.

Color Contrast Check

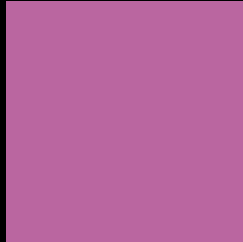
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 160 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, 102, 160 Background



This preview shows how black text looks on a background with the RYB color 186, 102, 160.

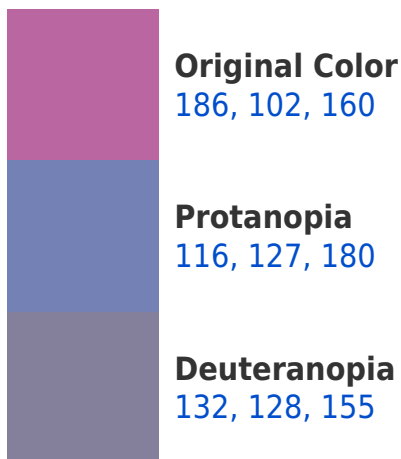



This preview shows how white text looks on a background with the RYB color 186, 102, 160.

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
181, 111, 119

Trichromacy



Original Color

186, 102, 160



Protanomaly

141, 119, 173



Deuteranomaly

152, 119, 157



Tritanomaly

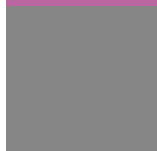
183, 108, 134

Monochromacy



Original Color

186, 102, 160



Achromatopsia

134, 134, 134



Achromatomaly

153, 122, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 102, 160 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, 102, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 102, 160)  
}
```

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, 102, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 102, 160) }
```

Border

The CSS property to change the border of an element to RYB 186, 102, 160 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, 102, 160) }
```

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

```
.border{ border-color:rgb(186, 102, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 102, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 102, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 102, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 102,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 186, 102, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 102, 160) }
```

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

```
.background{ background-color: rgb(186,  
102, 160) }
```

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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