

Converting Colors

`RYB(189, 110, 126)`

Have a look what the booklet for
RYB(189, 110, 126) contains.

RYB(189, 110, 126)	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(189, 110, 126)

Conversions

Conversions Part 1

Format	Color
Hex	BD6E7E
RGB	189, 110, 126
RGB Percent	74%, 43%, 49%
CMY	0.2588, 0.5686, 0.5059
CMYK	0.00, 0.42, 0.33, 0.26
HSL	348°, 37%, 59%
HSV	348°, 42%, 74%
XYZ	30.3281, 23.4770, 22.6717
YIQ	135.4450, 41.9480, 21.7240

Conversions

Conversions Part 2

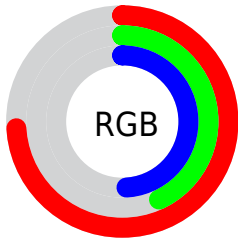
Format	Color
R_{YB}	189, 110, 126
Decimal	12414590
CIE _{Lab}	55.56, 33.22, 4.84
CIE _{LCh}	56, 33.570, 8.286
Yxy	23.4770, 0.3966, 0.3070
Android (android.graphics.Color)	4290604670 (0xFFBD6E7E)
YUV	135.4450, -4.6564, 46.9677
Hunter-Lab	48.4531, 26.9350, 6.1748

Details

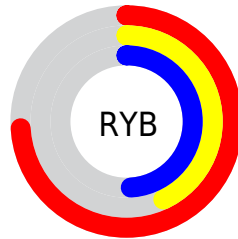
The RYB color **189, 110, 126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 154, 189**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **247, 163, 179**, and **133, 60, 77** is the 20% darker color. If you saturate the color by 10%, you get **189, 91, 111**, and if you desaturate by 10%, it is **189, 129, 141**.

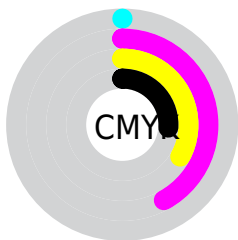
Distribution



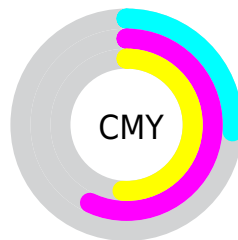
- Red (74%)
- Green (43%)
- Blue (49%)



- Red (74%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (33%)
- Black (26%)




- Cyan (26%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 110, 126 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 189, 110, 126 by changing the saturation by 10% instead.

 189, 110, 126

255, 255, 255


 247, 163, 179

 255, 190, 206

 255, 219, 234

 255, 247, 255

 189, 110, 126

 161, 85, 101

 133, 60, 77

 106, 36, 55

 80, 9, 33

 55, 0, 10


 27, 0, 1

 0, 0, 0

 189, 110, 126

 189, 91, 111

 189, 110, 126

 189, 129, 141


 189, 72, 96

 189, 148, 156

 189, 53, 81

 189, 167, 171

 189, 34, 66

 189, 186, 186

 189, 15, 51

 189, 198, 205

 189, 0, 38

 189, 208, 223

 189, 218, 242

 189, 224, 255

 189, 222, 255

Harmonies

Analogous

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



176, 113, 155



189, 110, 126



186, 119, 98

Triad

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



189, 110, 126



86, 142, 115



46, 103, 187

Complementary

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



189, 110, 126



110, 154, 189

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, 168



189, 110, 126



76, 124, 147

Square

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



189, 110, 126



86, 144, 74



25, 89, 149



103, 125, 190

Rectangle

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



189, 110, 126



176, 146, 84



25, 89, 149



20, 90, 182

Sweetspot

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



189, 110, 126



245, 213, 219



172, 110, 189



122, 103, 107



250, 250, 250



122, 122, 122

Same Dimension

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



189, 110, 126



245, 122, 147



189, 140, 110



94, 85, 87



158, 0, 32



31, 0, 6

Inverse Universe

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



189, 110, 126



245, 122, 147



110, 143, 189



94, 85, 87



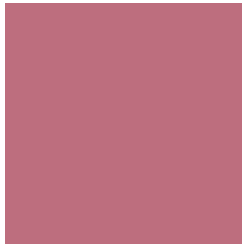
158, 0, 32



31, 0, 6

Previews

White Background



This preview shows how the RYB color 189, 110, 126 looks on a white background.

Color Contrast Check

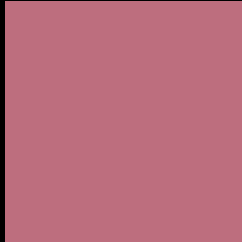
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 110, 126 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 189, 110, 126 Background



This preview shows how black text looks on a background with the RYB color 189, 110, 126.



This preview shows how white text looks on a background with the RYB color 189, 110, 126.

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
188, 111, 119

Trichromacy



Original Color
189, 110, 126

Protanomaly
154, 125, 134

Deuteranomaly
164, 122, 124

Tritanomaly
188, 111, 122

Monochromacy



Original Color
189, 110, 126

Achromatopsia
135, 135, 135

Achromatomaly
155, 126, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 110, 126 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(189, 110, 126)` looks like.

```
.text, #text, p{  
    color:rgb(189, 110, 126)  
}
```

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(189, 110, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 110, 126) }
```

Border

The CSS property to change the border of an element to RYB 189, 110, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

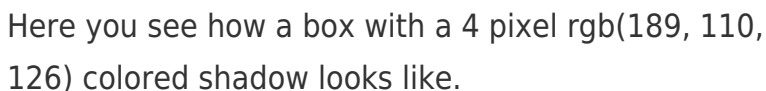
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 110, 126) }
```

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

```
.border{ border-color:rgb(189, 110, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 110, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 110, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 110, 126);  
box-shadow:4px 4px 4px 4px rgb(189, 110,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 189, 110, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 110, 126) }
```

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

```
.background{ background-color: rgb(189,  
110, 126) }
```

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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