

Converting Colors

`RYB(173, 108, 126)`

Have a look what the booklet for
RYB(173, 108, 126) contains.

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Color

R_YB(173, 108, 126)

Conversions

Conversions Part 1

Format	Color
Hex	AD6C7E
RGB	173, 108, 126
RGB Percent	68%, 42%, 49%
CMY	0.3216, 0.5765, 0.5059
CMYK	0.00, 0.38, 0.27, 0.32
HSL	343°, 28%, 55%
HSV	343°, 38%, 68%
XYZ	26.3620, 21.1157, 22.4250
YIQ	129.4870, 32.9620, 19.3780

Conversions

Conversions Part 2

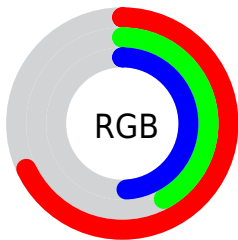
Format	Color
RYB	173, 108, 126
Decimal	11365502
CIELab	53.08, 28.33, 0.99
CIElCh	53, 28.351, 1.994
Yxy	21.1157, 0.3771, 0.3021
Android (android.graphics.Color)	4289555582 (0xFFAD6C7E)
YUV	129.4870, -1.7191, 38.1609
Hunter-Lab	45.9518, 21.9876, 3.2322

Details

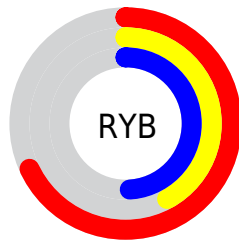
The RYB color **173, 108, 126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 146, 173**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **230, 160, 179**, and **119, 59, 77** is the 20% darker color. If you saturate the color by 10%, you get **173, 91, 113**, and if you desaturate by 10%, it is **173, 125, 139**.

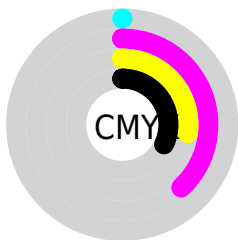
Distribution



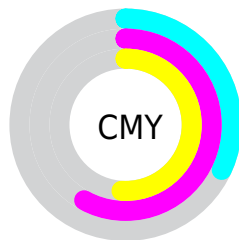
- Red (68%)
- Green (42%)
- Blue (49%)



- Red (68%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (27%)
- Black (32%)



- Cyan (32%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 108, 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 173, 108, 126 by changing the saturation by 10% instead.

 173, 108, 126

255, 255, 255

 230, 160, 179

 255, 188, 206


 255, 216, 234


 255, 244, 255

 173, 108, 126

 146, 83, 101

 119, 59, 77

 93, 36, 54

 68, 11, 33

 45, 0, 10

 0, 0, 0

 173, 108, 126

 173, 91, 113

 173, 73, 101

 173, 108, 126

 173, 125, 139

 173, 143, 151

173, 56, 88

173, 160, 164

173, 39, 76

173, 175, 177

173, 22, 63

173, 186, 195

173, 4, 51

173, 196, 212

173, 0, 48

173, 205, 229

173, 215, 246

173, 218, 255

Harmonies

Analogous

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



159, 112, 150



173, 108, 126



173, 111, 102

Triad

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



173, 108, 126



85, 133, 102



56, 102, 169

Complementary

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



173, 108, 126



108, 146, 173

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.



35, 90, 152



173, 108, 126



87, 126, 138

Square

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



173, 108, 126



99, 142, 78



56, 101, 140



95, 119, 175

Rectangle

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



173, 108, 126



167, 128, 89



56, 101, 140



45, 97, 164

Sweetspot

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



173, 108, 126



224, 200, 207



155, 108, 173



112, 98, 102



240, 240, 240



112, 112, 112

Same Dimension

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



173, 108, 126



224, 123, 151



173, 126, 108



87, 78, 80



150, 0, 42



23, 0, 6

Inverse Universe

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



173, 108, 126



224, 123, 151



108, 137, 173



87, 78, 80



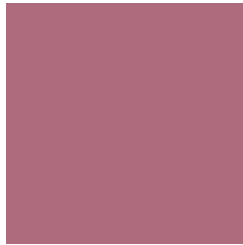
150, 0, 42



23, 0, 6

Previews

White Background



This preview shows how the RYB color 173, 108, 126 looks on a white background.

Color Contrast Check

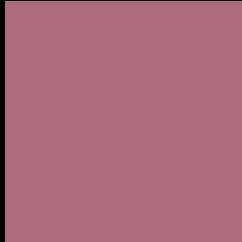
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 108, 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 173, 108, 126 Background



This preview shows how black text looks on a background with the RYB color 173, 108, 126.

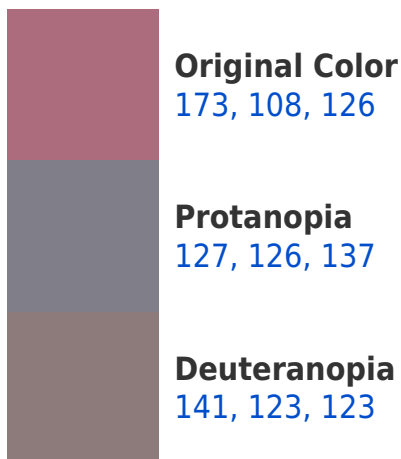



This preview shows how white text looks on a background with the RYB color 173, 108, 126.

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
172, 109, 118

Trichromacy



Original Color

173, 108, 126

Protanomaly

144, 119, 133

Deuteranomaly

153, 118, 124

Tritanomaly

172, 109, 121

Monochromacy



Original Color

173, 108, 126

Achromatopsia

129, 129, 129

Achromatomaly

145, 121, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 108, 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(173, 108, 126)` looks like.

```
.text, #text, p{  
    color:rgb(173, 108, 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(173, 108, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 108, 126) }
```

Border

The CSS property to change the border of an element to RYB 173, 108, 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(173, 108, 126) }
```

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

```
.border{ border-color:rgb(173, 108, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 108, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 108, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 108, 126);  
box-shadow:4px 4px 4px 4px rgb(173, 108,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 173, 108, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 108, 126) }
```

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

```
.background{ background-color: rgb(173,  
108, 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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