

Converting Colors

RGB(175, 126, 166)

Have a look what the booklet for
RGB(175, 126, 166) contains.

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Color

RGB(175, 126, 166)

Conversions

Conversions Part 1

Format	Color
Hex	AF7EA6
RGB	175, 126, 166
RGB Percent	69%, 49%, 65%
CMY	0.3137, 0.5059, 0.3490
CMYK	0.00, 0.28, 0.05, 0.31
HSL	311°, 23%, 59%
HSV	311°, 28%, 69%
XYZ	32.0230, 26.7888, 39.5594
YIQ	145.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

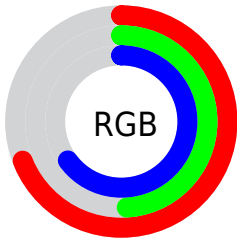
Format	Color
RYB	175, 126, 166
Decimal	11501222
CIELab	58.78, 25.60, -13.78
CIELCh	59, 29.073, 331.699
Yxy	26.7888, 0.3255, 0.2723
Android (android.graphics.Color)	4289691302 (0xFFAF7EA6)
YUV	145.2110, 10.2490, 26.1250
Hunter-Lab	51.7579, 19.8628, -9.0857

Details

The RGB color **175, 126, 166** is a light color, and the websafe version is hex **996699**. A complement of this color would be **126, 175, 135**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **231, 179, 221**, and **122, 76, 114** is the 20% darker color. If you saturate the color by 10%, you get **175, 109, 163**, and if you desaturate by 10%, it is **175, 144, 169**.

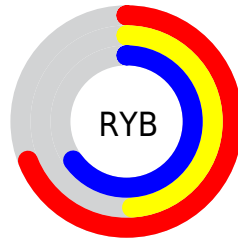
Distribution



Red (69%)

Green (49%)

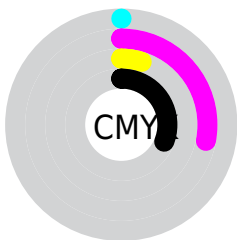
Blue (65%)



Red (69%)

Yellow (49%)

Blue (65%)

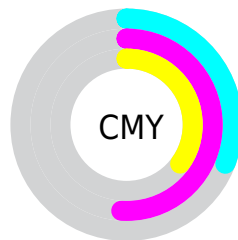


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the RGB color 175, 126, 166 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 RGB color 175, 126, 166 by changing the saturation by 10% instead.

 175, 126, 166


255, 255, 255

 231, 179, 221


 255, 207, 250

 255, 235, 255

 175, 126, 166

 148, 101, 140

 122, 76, 114

 96, 53, 89

 72, 30, 66


 48, 7, 44

 29, 0, 24

 0, 0, 0

 175, 126, 166

 175, 109, 163

 175, 126, 166


 175, 144, 169

 175, 91, 160


 175, 161, 172

 175, 74, 156


 175, 179, 176

 175, 56, 153

 175, 196, 179

 175, 39, 150

 175, 214, 182

 175, 21, 147

 175, 231, 185

 175, 4, 144

 175, 249, 189

 175, 0, 143

 175, 255, 192

 175, 255, 195

Harmonies

Analogous

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



147, 134, 185



175, 126, 166



190, 122, 141

Triad

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



175, 126, 166



157, 140, 90



52, 154, 167

Complementary

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



175, 126, 166



126, 175, 135

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.



70, 155, 142



175, 126, 166



130, 148, 97

Square

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



175, 126, 166



179, 132, 97



100, 153, 116



70, 150, 186

Rectangle

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



175, 126, 166



192, 123, 124



100, 153, 116



55, 155, 159

Sweetspot

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



175, 126, 166



227, 209, 224



135, 126, 175



115, 103, 113



242, 242, 242



115, 115, 115

Same Dimension

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



175, 126, 166



227, 150, 213



175, 126, 142



87, 78, 85



150, 0, 123



23, 0, 19

Inverse Universe

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



175, 126, 166



227, 150, 213



126, 175, 159



87, 78, 85



150, 0, 123



23, 0, 19

Previews

White Background



This preview shows how the RGB color 175, 126, 166 looks on a white background.

Color Contrast Check

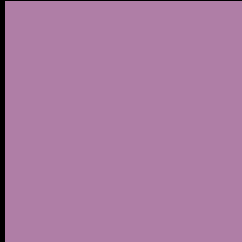
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 175, 126, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

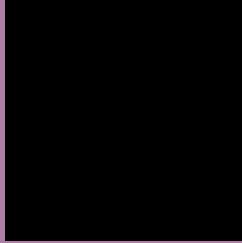
Any Text WCAG AA ✓ Pass

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](#).

RGB 175, 126, 166 Background



This preview shows how black text looks on a background with the RGB color 175, 126, 166.

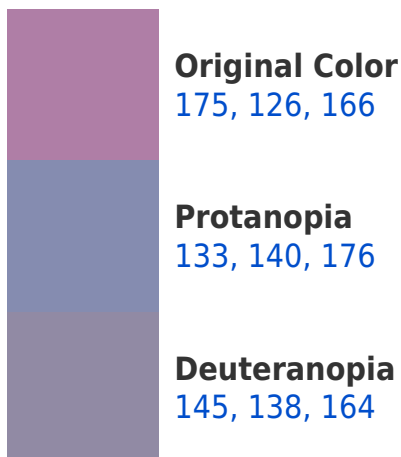



This preview shows how white text looks on a background with the RGB color 175, 126, 166.

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, 131, 141

Trichromacy



Original Color
175, 126, 166

Protanomaly
148, 135, 172

Deuteranomaly
156, 134, 165

Tritanomaly
173, 129, 150

Monochromacy



Original Color
175, 126, 166

Achromatopsia
145, 145, 145

Achromatomaly
156, 138, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 126, 166 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(175, 126, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 166)  
}
```

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(175, 126, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 166) }
```

Border

The CSS property to change the border of an element to RGB 175, 126, 166 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(175, 126, 166) }
```

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

```
.border{ border-color:rgb(175, 126, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 126, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 126, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 126, 166);  
box-shadow:4px 4px 4px 4px rgb(175, 126,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 175, 126, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 166) }
```

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

```
.background{ background-color: rgb(175,  
126, 166) }
```

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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