

Converting Colors

`RYB(136, 174, 126)`

Have a look what the booklet for
RYB(136, 174, 126) contains.

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Color

`RYB(136, 174, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	AEA67E
RGB	174, 166, 126
RGB Percent	68%, 65%, 49%
CMY	0.3176, 0.3501, 0.5059
CMYK	0.00, 0.05, 0.28, 0.32
HSL	50°, 23%, 59%
HSV	50°, 28%, 68%
XYZ	34.8076, 37.6773, 25.1765
YIQ	163.8320, 17.6080, -10.7440

Conversions

Conversions Part 2

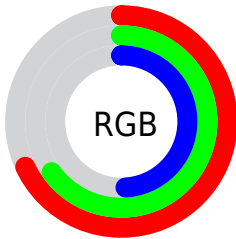
Format	Color
RYB	136, 174, 126
Decimal	11445886
CIELab	67.78, -3.41, 21.70
CIElCh	68, 21.962, 98.920
Yxy	37.6773, 0.3564, 0.3858
Android (android.graphics.Color)	4289635966 (0xFFAEA67E)
YUV	163.8320, -18.6512, 8.9173
Hunter-Lab	61.3818, -6.1968, 18.6487

Details

The RYB color **136, 174, 126** is a light color, and the websafe version is hex **999966**. A complement of this color would be **126, 133, 174**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **190, 230, 179**, and **85, 121, 77** is the 20% darker color. If you saturate the color by 10%, you get **122, 174, 109**, and if you desaturate by 10%, it is **149, 174, 143**.

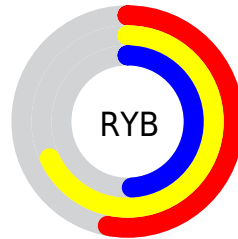
Distribution



Red (68%)

Green (65%)

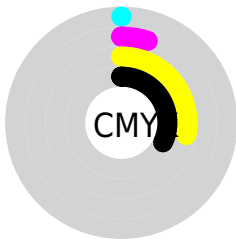
Blue (49%)



Red (53%)

Yellow (68%)

Blue (49%)

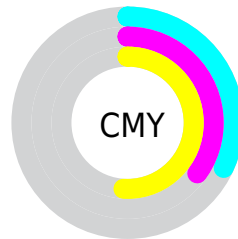


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 174, 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 136, 174, 126 by changing the saturation by 10% instead.

 136, 174, 126


255, 255, 255

 190, 230, 179


 213, 255, 206

 235, 255, 235

 136, 174, 126

 111, 147, 101

 85, 121, 77

 61, 96, 54


 38, 71, 32


 13, 48, 9

 2, 26, 0

 0, 0, 0

 136, 174, 126

 122, 174, 109

 136, 174, 126

 149, 174, 143

■ 108, 174, 91

■ 163, 174, 161

■ 94, 174, 74

■ 174, 175, 178

■ 80, 174, 56

■ 174, 177, 196

■ 67, 174, 39

■ 174, 180, 213

■ 53, 174, 22

■ 174, 182, 230

■ 39, 174, 4

■ 174, 185, 248

■ 36, 174, 0

■ 174, 187, 255

■ 174, 189, 255

Harmonies

Analogous

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



192, 186, 129



136, 174, 126



134, 171, 153

Triad

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



136, 174, 126



110, 146, 189



196, 153, 180

Complementary

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



136, 174, 126



126, 133, 174

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.



176, 158, 196



136, 174, 126



124, 153, 202

Square

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



136, 174, 126



113, 146, 176



150, 162, 204



205, 151, 160

Rectangle

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



136, 174, 126



137, 168, 174



150, 162, 204



190, 154, 186

Sweetspot

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



136, 174, 126



213, 227, 209



174, 126, 135



105, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



136, 174, 126



168, 227, 152



126, 174, 141



81, 87, 78



30, 150, 0



5, 23, 0

Inverse Universe

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



126, 133, 174



152, 163, 227



141, 126, 174



78, 80, 87



0, 22, 150



0, 3, 23

Previews

White Background



This preview shows how the RYB color 136, 174, 126 looks on a white background.

Color Contrast Check

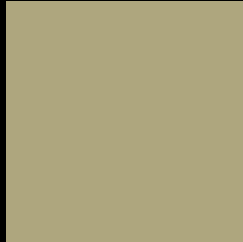
Large Text (above 18pt) WCAG AA × Fail

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 136, 174, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

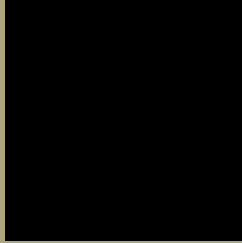
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

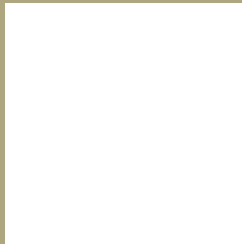
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 136, 174, 126 Background



This preview shows how black text looks on a background with the RYB color 136, 174, 126.



This preview shows how white text looks on a background with the RYB color 136, 174, 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



Original Color


136, 174, 126

Protanopia

142, 177, 126

Deuteranopia

194, 185, 127



Tritanopia
180, 160, 172

Trichromacy



Original Color

136, 174, 126

Protanomaly

140, 176, 126

Deuteranomaly

173, 187, 127

Tritanomaly

178, 165, 155

Monochromacy



Original Color

136, 174, 126

Achromatopsia

164, 164, 164

Achromatomaly

154, 168, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 174, 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(174, 166, 126) looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 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(174, 166, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 126) }
```

Border

The CSS property to change the border of an element to RYB 136, 174, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

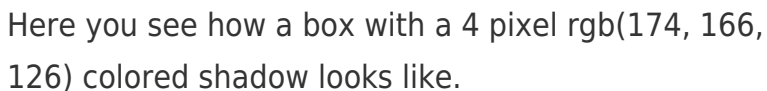
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 166, 126) }
```

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

```
.border{ border-color:rgb(174, 166, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 166, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 166, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 166, 126); box-shadow:4px 4px 4px 4px rgb(174, 166, 126) }
```

Background

The CSS property to change the background color of an element to RYB 136, 174, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 126) }
```

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

```
.background{ background-color: rgb(174,  
166, 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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