

Converting Colors

`RYB(146, 169, 134)`

Have a look what the booklet for RYB(146, 169, 134) contains.

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Color

R_YB(146, 169, 134)

Conversions

Conversions Part 1

Format	Color
Hex	A9A086
RGB	169, 160, 134
RGB Percent	66%, 63%, 53%
CMY	0.3373, 0.3723, 0.4745
CMYK	0.00, 0.05, 0.21, 0.34
HSL	45°, 17%, 59%
HSV	45°, 21%, 66%
XYZ	33.2471, 35.3200, 27.6194
YIQ	159.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

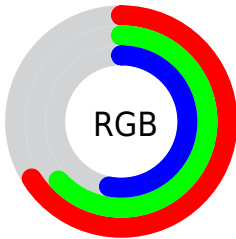
Format	Color
RYB	146, 169, 134
Decimal	11116678
CIELab	66.00, -1.14, 14.77
CIELCh	66, 14.814, 94.409
Yxy	35.3200, 0.3457, 0.3672
Android (android.graphics.Color)	4289306758 (0xFFA9A086)
YUV	159.7270, -12.6834, 8.1324
Hunter-Lab	59.4306, -4.1458, 14.0474

Details

The RYB color **146, 169, 134** is a light color, and the websafe version is hex **999966**. A complement of this color would be **134, 141, 169**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **199, 224, 187**, and **95, 117, 84** is the 20% darker color. If you saturate the color by 10%, you get **134, 169, 117**, and if you desaturate by 10%, it is **158, 169, 151**.

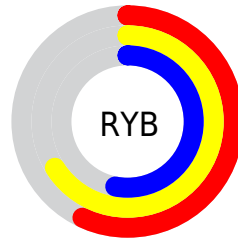
Distribution



Red (66%)

Green (63%)

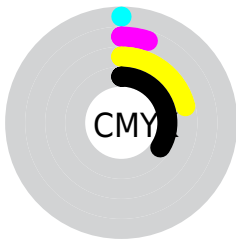
Blue (53%)



Red (57%)

Yellow (66%)

Blue (53%)

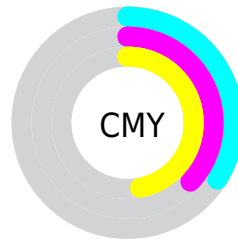


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 169, 134 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 146, 169, 134 by changing the saturation by 10% instead.

 146, 169, 134

255, 255, 255

 199, 224, 187

 229, 253, 215


 243, 255, 243

 146, 169, 134

 120, 142, 109

 95, 117, 84

 72, 92, 61


 48, 68, 39

 24, 45, 18

 6, 24, 0


 0, 0, 0

 146, 169, 134


 134, 169, 117

 146, 169, 134


 158, 169, 151

 124, 169, 100


 168, 169, 168

 113, 169, 83


 169, 172, 185

 101, 169, 66

 169, 175, 202

 91, 169, 49


 169, 179, 218

 80, 169, 33

 169, 183, 235

 68, 169, 16

 169, 186, 252

 58, 169, 0

 169, 189, 255

 169, 191, 255

Harmonies

Analogous

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



181, 170, 137



146, 169, 134



138, 164, 148

Triad

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



146, 169, 134



126, 148, 175



180, 153, 172

Complementary

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



146, 169, 134



134, 141, 169

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.



165, 156, 182



146, 169, 134



133, 153, 184

Square

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



146, 169, 134



129, 150, 168



148, 158, 187



188, 151, 159

Rectangle

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



146, 169, 134



144, 165, 166



148, 158, 187



175, 154, 176

Sweetspot

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



146, 169, 134



210, 219, 206



169, 134, 143



105, 110, 102



237, 237, 237



110, 110, 110

Same Dimension

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



146, 169, 134



183, 219, 164



134, 169, 142



79, 84, 76



51, 148, 0



7, 20, 0

Inverse Universe

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



134, 141, 169



164, 175, 219



142, 134, 169



76, 78, 84



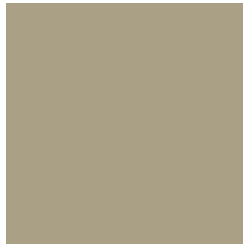
0, 30, 148



0, 4, 20

Previews

White Background



This preview shows how the RYB color 146, 169, 134 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 146, 169, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

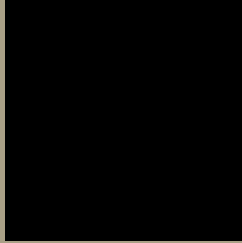
Any Text WCAG AA ✓ Pass

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 146, 169, 134 Background



This preview shows how black text looks on a background with the RYB color 146, 169, 134.

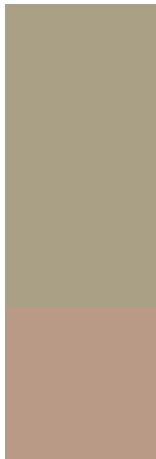


This preview shows how white text looks on a background with the RYB color 146, 169, 134.

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
146, 169, 134

Protanopia
146, 169, 134

Deuteranopia
185, 166, 135



Tritanopia
173, 155, 168

Trichromacy



Original Color

146, 169, 134

Protanomaly

146, 169, 134

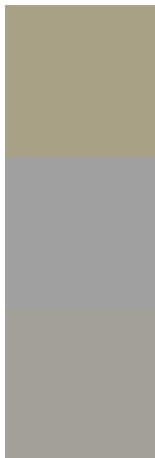
Deuteranomaly

179, 175, 135

Tritanomaly

172, 157, 156

Monochromacy



Original Color

146, 169, 134

Achromatopsia

160, 160, 160

Achromatomaly

155, 163, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 169, 134 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(169, 160, 134) looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 134)  
}
```

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(169, 160, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 134) }
```

Border

The CSS property to change the border of an element to RYB 146, 169, 134 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(169, 160, 134) }
```

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

```
.border{ border-color:rgb(169, 160, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 160, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 160, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 160, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 160,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 146, 169, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 134) }
```

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

```
.background{ background-color: rgb(169,  
160, 134) }
```

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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