

Converting Colors

`RYB(134, 162, 146)`

Have a look what the booklet for
RYB(134, 162, 146) contains.

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Color

R_YB(134, 162, 146)

Conversions

Conversions Part 1

Format	Color
Hex	96A286
RGB	150, 162, 134
RGB Percent	59%, 64%, 53%
CMY	0.4118, 0.3647, 0.4745
CMYK	0.07, 0.00, 0.17, 0.36
HSL	86°, 13%, 58%
HSV	86°, 17%, 64%
XYZ	29.8011, 34.0459, 27.5551
YIQ	155.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

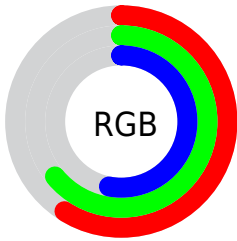
Format	Color
RYB	134, 162, 146
Decimal	9872006
CIELab	65.00, -9.46, 13.15
CIELCh	65, 16.195, 125.722
Yxy	34.0459, 0.3260, 0.3725
Android (android.graphics.Color)	4288062086 (0xFF96A286)
YUV	155.2200, -10.4615, -4.5779
Hunter-Lab	58.3489, -10.9435, 12.8447

Details

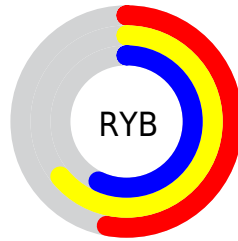
The RYB color **134, 162, 146** is a light color, and the websafe version is hex **999966**. A complement of this color would be **146, 134, 162**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **187, 217, 200**, and **84, 110, 95** is the 20% darker color. If you saturate the color by 10%, you get **118, 162, 137**, and if you desaturate by 10%, it is **150, 162, 155**.

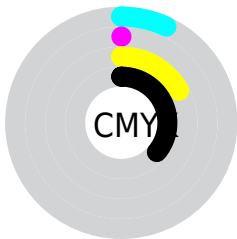
Distribution



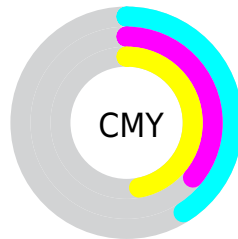
- Red (59%)
- Green (64%)
- Blue (53%)



- Red (53%)
- Yellow (64%)
- Blue (57%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 162, 146 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 134, 162, 146 by changing the saturation by 10% instead.


 134, 162, 146


255, 255, 255

 187, 217, 200


 215, 245, 228

 243, 255, 243

 134, 162, 146

 109, 136, 121

 84, 110, 95


 61, 86, 72

 39, 63, 50


 19, 41, 29

 0, 21, 18

 0, 0, 0

 134, 162, 146


 118, 162, 137


 134, 162, 146


 150, 162, 155

 102, 162, 128


 164, 162, 166

 85, 162, 118

 171, 162, 183

 69, 162, 109


 178, 162, 199

 53, 162, 100


 185, 162, 215

 37, 162, 91


 192, 162, 231

 21, 162, 82

 199, 162, 247

 4, 162, 72

 206, 162, 255

 0, 162, 69

 212, 162, 255

Harmonies

Analogous

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



139, 166, 129



134, 162, 146



134, 157, 165

Triad

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



134, 162, 146



128, 149, 184



187, 148, 155

Complementary

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



134, 162, 146



146, 134, 162

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.



179, 149, 170



134, 162, 146



145, 155, 186

Square

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



134, 162, 146



120, 145, 174



164, 153, 181



187, 151, 141

Rectangle

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



134, 162, 146



125, 149, 166



164, 153, 181



185, 148, 160

Sweetspot

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



134, 162, 146



201, 212, 206



162, 155, 134



101, 107, 104



235, 235, 235



107, 107, 107

Same Dimension

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



134, 162, 146



167, 212, 186



134, 162, 160



73, 82, 77



0, 145, 62



0, 18, 8

Inverse Universe

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



146, 134, 162



186, 167, 212



160, 134, 162



77, 73, 82



62, 0, 145



8, 0, 18

Previews

White Background



This preview shows how the RYB color 134, 162, 146 looks on a white background.

Color Contrast Check

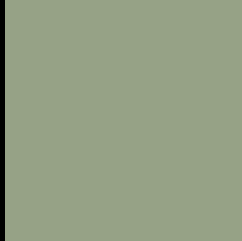
Large Text (above 18pt) WCAG AA × Fail

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 134, 162, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

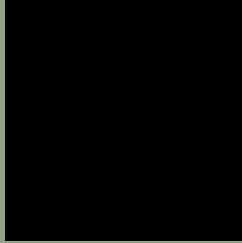
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

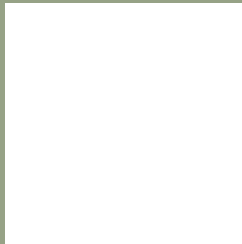
Any Text WCAG AAA ✓ Pass

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

RYB 134, 162, 146 Background



This preview shows how black text looks on a background with the RYB color 134, 162, 146.



This preview shows how white text looks on a background with the RYB color 134, 162, 146.

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
134, 162, 146

Protanopia
144, 166, 132

Deuteranopia
180, 161, 136



Tritanopia
155, 157, 169

Trichromacy



Original Color

134, 162, 146

Protanomaly

134, 160, 133

Deuteranomaly

156, 169, 135

Tritanomaly

153, 157, 159

Monochromacy



Original Color

134, 162, 146

Achromatopsia

155, 155, 155

Achromatomaly

147, 158, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 162, 146 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(150, 162, 134) looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 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(150, 162, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 162, 146 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(150, 162, 134) }
```

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

```
.border{ border-color:rgb(150, 162, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 162, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 134);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 162, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 134) }
```

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

```
.background{ background-color: rgb(150,  
162, 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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