

Converting Colors

RGB(144, 214, 154)

Have a look what the booklet for
RGB(144, 214, 154) contains.

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Color

RGB(144, 214, 154)

Conversions

Conversions Part 1

Format	Color
Hex	90D69A
RGB	144, 214, 154
RGB Percent	56%, 84%, 60%
CMY	0.4353, 0.1608, 0.3961
CMYK	0.33, 0.00, 0.28, 0.16
HSL	129°, 46%, 70%
HSV	129°, 33%, 84%
XYZ	41.3809, 56.3555, 39.2686
YIQ	186.2300, -22.4600, -33.5000

Conversions

Conversions Part 2

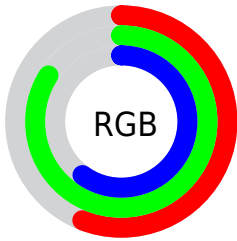
Format	Color
RYB	144, 205, 214
Decimal	9492122
CIELab	79.82, -34.04, 22.84
CIELCh	80, 40.993, 146.142
Yxy	56.3555, 0.3020, 0.4113
Android (android.graphics.Color)	4287682202 (0xFF90D69A)
YUV	186.2300, -15.8894, -37.0357
Hunter-Lab	75.0703, -32.9788, 21.5352

Details

The RGB color **144, 214, 154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **214, 144, 204**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **200, 255, 209**, and **91, 159, 103** is the 20% darker color. If you saturate the color by 10%, you get **123, 214, 136**, and if you desaturate by 10%, it is **165, 214, 172**.

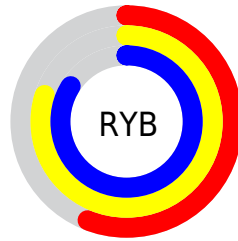
Distribution



Red (56%)

Green (84%)

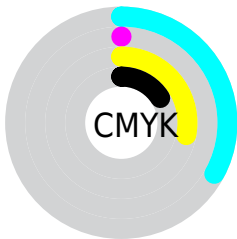
Blue (60%)



Red (56%)

Yellow (80%)

Blue (84%)

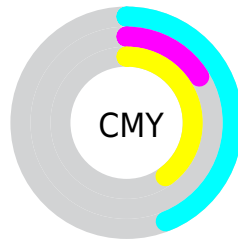


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (44%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 214, 154 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 144, 214, 154 by changing the saturation by 10% instead.


 144, 214, 154


255, 255, 255

 200, 255, 209

 228, 255, 237

 144, 214, 154

 117, 186, 128

 91, 159, 103

 65, 132, 78

 38, 107, 55

 3, 82, 32

 0, 58, 10

 0, 37, 0

 0, 0, 0

 144, 214, 154

 144, 214, 154

 123, 214, 136

 165, 214, 172

 101, 214, 117

 187, 214, 191

 80, 214, 99

 208, 214, 209

 58, 214, 81

 230, 214, 227

 37, 214, 62

 251, 214, 246

 16, 214, 44

 255, 214, 255

 0, 214, 31

Harmonies

Analogous

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



189, 206, 128



144, 214, 154



94, 218, 191

Triad

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



144, 214, 154



135, 203, 255



255, 171, 166

Complementary

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



144, 214, 154



214, 144, 204

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.



255, 169, 204



144, 214, 154



195, 190, 255

Square

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



144, 214, 154



70, 213, 255



242, 176, 241



255, 181, 136

Rectangle

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



144, 214, 154



60, 218, 218



242, 176, 241



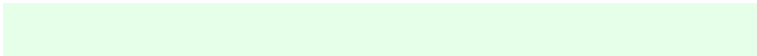
255, 169, 178

Sweetspot

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



144, 214, 154



230, 255, 233



205, 214, 144



112, 128, 114



0, 0, 0



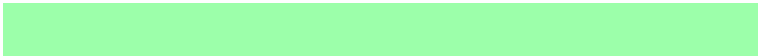
128, 128, 128

Same Dimension

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



144, 214, 154



156, 255, 170



144, 214, 188



96, 107, 98



0, 171, 24



0, 43, 6

Inverse Universe

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



214, 144, 204



255, 156, 241



214, 144, 170



107, 96, 106



171, 0, 146



43, 0, 37

Previews

White Background



This preview shows how the RGB color 144, 214, 154 looks on a white background.

Color Contrast Check

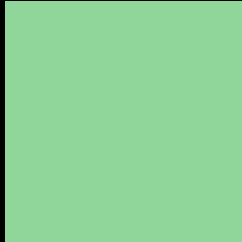
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 144, 214, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

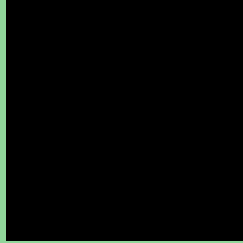
Any Text WCAG AA ✓ Pass

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](#).

RGB 144, 214, 154 Background



This preview shows how black text looks on a background with the RGB color 144, 214, 154.

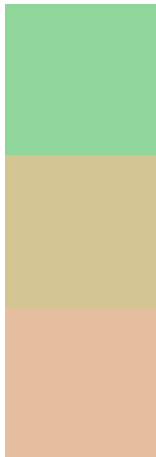


This preview shows how white text looks on a background with the RGB color 144, 214, 154.

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
144, 214, 154

Protanopia
211, 197, 146

Deuteranopia
229, 189, 159



Tritanopia
157, 205, 222

Trichromacy



Original Color

144, 214, 154



Protanomaly

187, 203, 149



Deuteranomaly

198, 198, 157



Tritanomaly

152, 208, 197

Monochromacy



Original Color

144, 214, 154



Achromatopsia

186, 186, 186



Achromatomaly

171, 196, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 214, 154 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(144, 214, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 214, 154)  
}
```

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(144, 214, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 214, 154) }
```

Border

The CSS property to change the border of an element to RGB 144, 214, 154 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(144, 214, 154) }
```

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

```
.border{ border-color:rgb(144, 214, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 214, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 214, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 214, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 214,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 144, 214, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 214, 154) }
```

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

```
.background{ background-color: rgb(144,  
214, 154) }
```

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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