

Converting Colors

RGB(150, 215, 135)

Have a look what the booklet for
RGB(150, 215, 135) contains.

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Color

RGB(150, 215, 135)

Conversions

Conversions Part 1

Format	Color
Hex	96D787
RGB	150, 215, 135
RGB Percent	59%, 84%, 53%
CMY	0.4118, 0.1569, 0.4706
CMYK	0.30, 0.00, 0.37, 0.16
HSL	109°, 50%, 69%
HSV	109°, 37%, 84%
XYZ	41.2513, 56.8342, 31.7176
YIQ	186.4450, -13.0600, -38.6600

Conversions

Conversions Part 2

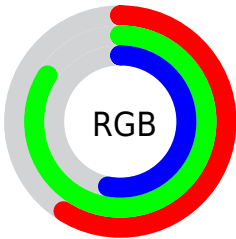
Format	Color
RYB	135, 215, 200
Decimal	9885575
CIELab	80.09, -35.60, 33.09
CIELCh	80, 48.604, 137.099
Yxy	56.8342, 0.3178, 0.4378
Android (android.graphics.Color)	4288075655 (0xFF96D787)
YUV	186.4450, -25.3624, -31.9623
Hunter-Lab	75.3884, -34.2576, 27.8273

Details

The RGB color **150, 215, 135** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **200, 135, 215**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **206, 255, 189**, and **96, 160, 84** is the 20% darker color. If you saturate the color by 10%, you get **133, 215, 113**, and if you desaturate by 10%, it is **167, 215, 157**.

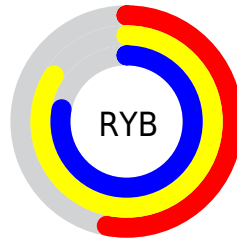
Distribution



Red (59%)

Green (84%)

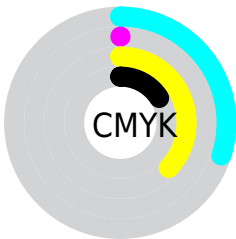
Blue (53%)



Red (53%)

Yellow (84%)

Blue (78%)

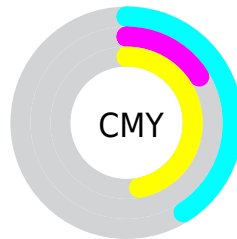


Cyan (30%)

Magenta (0%)

Yellow (37%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 215, 135 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 150, 215, 135 by changing the saturation by 10% instead.

 150, 215, 135


255, 255, 255

 206, 255, 189


 235, 255, 217

 255, 255, 246

 150, 215, 135

 123, 187, 109

 96, 160, 84

 70, 133, 60

 43, 108, 36

 12, 83, 11

 0, 59, 0

 0, 38, 0

 0, 1, 0

 0, 0, 0

 150, 215, 135

 150, 215, 135

 133, 215, 113

 167, 215, 157

 115, 215, 92

 185, 215, 178

 98, 215, 70


 202, 215, 200

 80, 215, 49


 220, 215, 221

 63, 215, 27

 237, 215, 243

 45, 215, 6

 255, 215, 255

 40, 215, 0

 255, 215, 255

Harmonies

Analogous

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



201, 204, 110



150, 215, 135



85, 221, 177

Triad

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



150, 215, 135



83, 209, 255



255, 163, 174

Complementary

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



150, 215, 135



200, 135, 215

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, 164, 220



150, 215, 135



173, 194, 255

Square

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



150, 215, 135



0, 218, 255



236, 177, 255



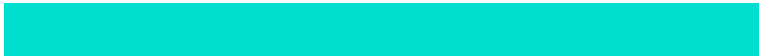
255, 173, 134

Rectangle

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



150, 215, 135



0, 222, 208



236, 177, 255



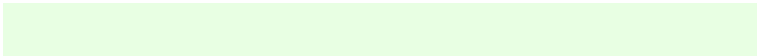
255, 162, 189

Sweetspot

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



150, 215, 135



232, 255, 227



215, 199, 135



114, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



150, 215, 135



162, 255, 140



135, 215, 159



98, 107, 96



32, 171, 0



8, 43, 0

Inverse Universe

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



200, 135, 215



233, 140, 255



215, 135, 191



105, 96, 107



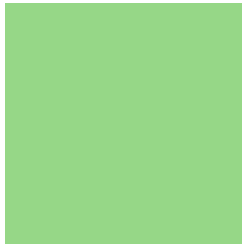
139, 0, 171



35, 0, 43

Previews

White Background



This preview shows how the RGB color 150, 215, 135 looks on a white background.

Color Contrast Check

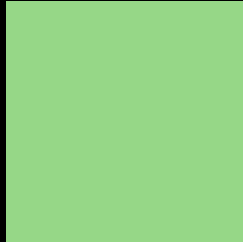
Large Text (above 18pt) WCAG AA × Fail

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 150, 215, 135 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 150, 215, 135 Background



This preview shows how black text looks on a background with the RGB color 150, 215, 135.



This preview shows how white text looks on a background with the RGB color 150, 215, 135.

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
150, 215, 135

Protanopia
215, 198, 128

Deuteranopia
235, 189, 141



Tritanopia
165, 205, 221

Trichromacy



Original Color
150, 215, 135

Protanomaly
191, 204, 131

Deuteranomaly
204, 198, 139

Tritanomaly
160, 209, 190

Monochromacy



Original Color
150, 215, 135

Achromatopsia
186, 186, 186

Achromatomaly
173, 197, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 215, 135 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, 215, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 215, 135)  
}
```

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, 215, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 215, 135) }
```

Border

The CSS property to change the border of an element to RGB 150, 215, 135 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, 215, 135) }
```

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

```
.border{ border-color:rgb(150, 215, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 215, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 215, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 215, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 215,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 150, 215, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 215, 135) }
```

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

```
.background{ background-color: rgb(150,  
215, 135) }
```

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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