

Converting Colors

RGB(145, 194, 102)

Have a look what the booklet for
RGB(145, 194, 102) contains.

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Color

RGB(145, 194, 102)

Conversions

Conversions Part 1

Format	Color
Hex	91C266
RGB	145, 194, 102
RGB Percent	57%, 76%, 40%
CMY	0.4314, 0.2392, 0.6000
CMYK	0.25, 0.00, 0.47, 0.24
HSL	92°, 43%, 58%
HSV	92°, 47%, 76%
XYZ	33.3671, 45.5626, 19.6062
YIQ	168.8610, 0.3280, -39.0000

Conversions

Conversions Part 2

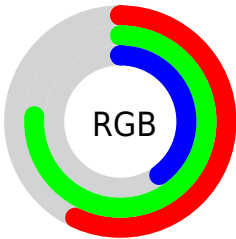
Format	Color
RYB	102, 194, 151
Decimal	9552486
CIELab	73.26, -32.02, 40.96
CIELCh	73, 51.993, 128.021
Yxy	45.5626, 0.3386, 0.4624
Android (android.graphics.Color)	4287742566 (0xFF91C266)
YUV	168.8610, -32.9625, -20.9261
Hunter-Lab	67.5001, -29.8878, 30.0286

Details

The RGB color **145, 194, 102** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151, 102, 194**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **201, 251, 155**, and **92, 140, 52** is the 20% darker color. If you saturate the color by 10%, you get **135, 194, 83**, and if you desaturate by 10%, it is **155, 194, 121**.

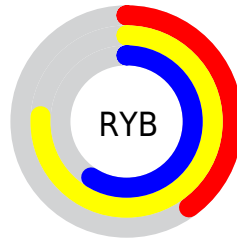
Distribution



Red (57%)

Green (76%)

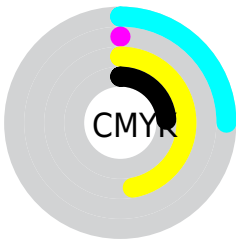
Blue (40%)



Red (40%)

Yellow (76%)

Blue (59%)

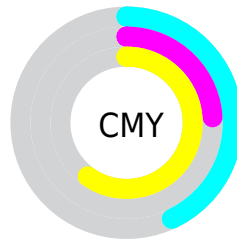


Cyan (25%)

Magenta (0%)

Yellow (47%)

Black (24%)



Cyan (43%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 194, 102 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 145, 194, 102 by changing the saturation by 10% instead.

 145, 194, 102

255, 255, 255

 201, 251, 155


 229, 255, 182

 255, 255, 210

 255, 255, 239

 145, 194, 102

 118, 167, 77

 92, 140, 52

 66, 114, 26

 40, 89, 0

 13, 66, 0


 0, 43, 0

 0, 20, 0

 0, 0, 0

 145, 194, 102

 145, 194, 102


 135, 194, 83

 155, 194, 121


 124, 194, 63


 166, 194, 141


 114, 194, 44


 176, 194, 160


 104, 194, 24

 186, 194, 180

 93, 194, 5

 197, 194, 199

 91, 194, 0

 207, 194, 218

 217, 194, 238

 228, 194, 255

 238, 194, 255

Harmonies

Analogous

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



196, 181, 82



145, 194, 102



77, 202, 143

Triad

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



145, 194, 102



0, 194, 255



255, 140, 169

Complementary

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



145, 194, 102



151, 102, 194

Split Complementary

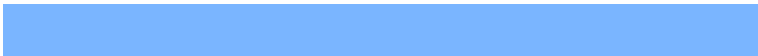
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 146, 217



145, 194, 102



122, 181, 255

Square

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



145, 194, 102



0, 202, 237



201, 162, 255



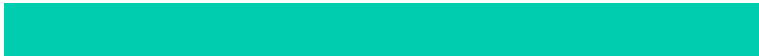
255, 148, 124

Rectangle

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



145, 194, 102



0, 204, 175



201, 162, 255



255, 140, 185

Sweetspot

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



145, 194, 102



234, 252, 217



194, 150, 102



116, 128, 106



0, 0, 0



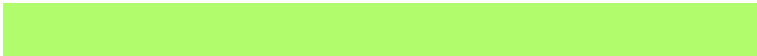
128, 128, 128

Same Dimension

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



145, 194, 102



176, 252, 109



102, 194, 104



92, 97, 87



75, 161, 0



15, 33, 0

Inverse Universe

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



151, 102, 194



185, 109, 252



194, 102, 192



92, 87, 97



86, 0, 161



18, 0, 33

Previews

White Background



This preview shows how the RGB color 145, 194, 102 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 145, 194, 102 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 145, 194, 102 Background



This preview shows how black text looks on a background with the RGB color 145, 194, 102.

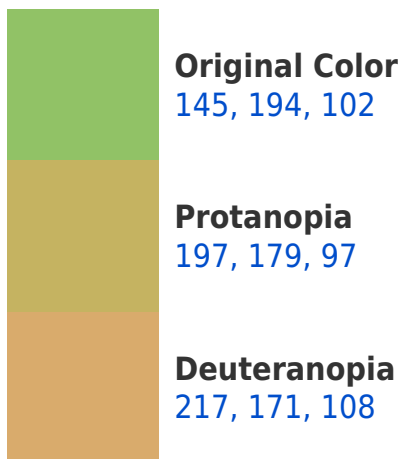


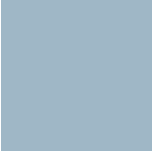
This preview shows how white text looks on a background with the RGB color 145, 194, 102.

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





Tritanopia
159, 183, 198

Trichromacy



Original Color
145, 194, 102

Protanomaly
178, 184, 99

Deuteranomaly
191, 179, 106

Tritanomaly
154, 187, 163

Monochromacy



Original Color
145, 194, 102

Achromatopsia
169, 169, 169

Achromatomaly
160, 178, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 194, 102 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(145, 194, 102)` looks like.

```
.text, #text, p{  
    color:rgb(145, 194, 102)  
}
```

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(145, 194, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 194, 102) }
```

Border

The CSS property to change the border of an element to RGB 145, 194, 102 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(145, 194, 102) }
```

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

```
.border{ border-color:rgb(145, 194, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 194, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 194, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 194, 102);  
box-shadow:4px 4px 4px 4px rgb(145, 194,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 145, 194, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 194, 102) }
```

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

```
.background{ background-color: rgb(145,  
194, 102) }
```

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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