

Converting Colors

RGB(145, 187, 123)

Have a look what the booklet for
RGB(145, 187, 123) contains.

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Color

RGB(145, 187, 123)

Conversions

Conversions Part 1

Format	Color
Hex	91BB7B
RGB	145, 187, 123
RGB Percent	57%, 73%, 48%
CMY	0.4314, 0.2667, 0.5176
CMYK	0.22, 0.00, 0.34, 0.27
HSL	99°, 32%, 61%
HSV	99°, 34%, 73%
XYZ	33.0225, 42.9905, 25.2964
YIQ	167.1460, -4.4880, -28.8080

Conversions

Conversions Part 2

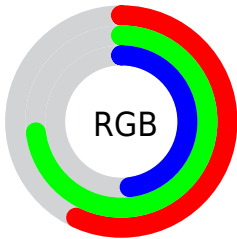
Format	Color
RYB	123, 187, 165
Decimal	9550715
CIELab	71.55, -25.86, 28.00
CIELCh	72, 38.113, 132.732
Yxy	42.9905, 0.3260, 0.4243
Android (android.graphics.Color)	4287740795 (0xFF91BB7B)
YUV	167.1460, -21.7640, -19.4220
Hunter-Lab	65.5671, -24.8418, 23.0223

Details

The RGB color **145, 187, 123** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165, 123, 187**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **200, 243, 176**, and **93, 134, 73** is the 20% darker color. If you saturate the color by 10%, you get **133, 187, 104**, and if you desaturate by 10%, it is **157, 187, 142**.

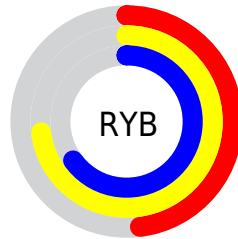
Distribution



Red (57%)

Green (73%)

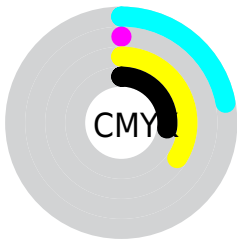
Blue (48%)



Red (48%)

Yellow (73%)

Blue (65%)

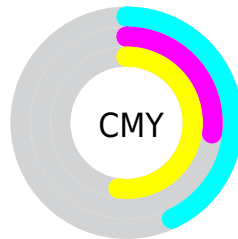


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (43%)


Magenta (27%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 187, 123 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, 187, 123 by changing the saturation by 10% instead.

 145, 187, 123

255, 255, 255

 200, 243, 176


 228, 255, 204

 255, 255, 232

 145, 187, 123

 119, 160, 98

 93, 134, 73

 68, 108, 50

 44, 84, 27

 19, 60, 3

 0, 38, 0

 0, 11, 0


 0, 0, 0


 145, 187, 123


 145, 187, 123


 133, 187, 104

 157, 187, 142

 120, 187, 86

 170, 187, 160


 108, 187, 67


 182, 187, 179


 96, 187, 48

 194, 187, 198


 84, 187, 30

 206, 187, 216

 71, 187, 11

 219, 187, 235

 64, 187, 0

 231, 187, 254

 243, 187, 255

 255, 187, 255

Harmonies

Analogous

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



184, 178, 106



145, 187, 123



101, 192, 153

Triad

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



145, 187, 123



90, 184, 241



243, 148, 162

Complementary

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



145, 187, 123



165, 123, 187

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.



230, 151, 197



145, 187, 123



149, 174, 243

Square

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



145, 187, 123



33, 191, 221



198, 161, 227



237, 155, 130

Rectangle

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



145, 187, 123



69, 194, 177



198, 161, 227



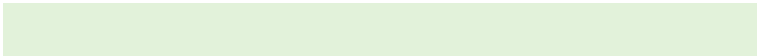
241, 148, 173

Sweetspot

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



145, 187, 123



226, 242, 218



187, 165, 123



113, 122, 108



250, 250, 250



122, 122, 122

Same Dimension

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



145, 187, 123



177, 242, 143



123, 187, 133



88, 94, 85



54, 158, 0



11, 31, 0

Inverse Universe

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



165, 123, 187



208, 143, 242



187, 123, 177



91, 85, 94



104, 0, 158



20, 0, 31

Previews

White Background



This preview shows how the RGB color 145, 187, 123 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, 187, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

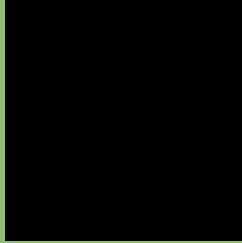
Any Text WCAG AA ✓ Pass

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, 187, 123 Background



This preview shows how black text looks on a background with the RGB color 145, 187, 123.



This preview shows how white text looks on a background with the RGB color 145, 187, 123.

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](#).

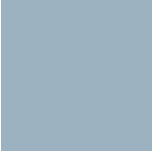
Dichromacy



Original Color
145, 187, 123

Protanopia
189, 175, 118

Deuteranopia
207, 167, 127



Tritanopia
156, 178, 193

Trichromacy



Original Color
145, 187, 123

Protanomaly
173, 179, 120

Deuteranomaly
184, 174, 126

Tritanomaly
152, 181, 168

Monochromacy



Original Color
145, 187, 123

Achromatopsia
167, 167, 167

Achromatomaly
159, 174, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 187, 123 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, 187, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 187, 123)  
}
```

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, 187, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 187, 123) }
```

Border

The CSS property to change the border of an element to RGB 145, 187, 123 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, 187, 123) }
```

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

```
.border{ border-color:rgb(145, 187, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 187, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 187, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 187, 123);  
box-shadow:4px 4px 4px 4px rgb(145, 187,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 145, 187, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 187, 123) }
```

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

```
.background{ background-color: rgb(145,  
187, 123) }
```

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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