

Converting Colors

RGB(146, 190, 123)

Have a look what the booklet for
RGB(146, 190, 123) contains.

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Color

RGB(146, 190, 123)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 92BE7B |
| RGB | 146, 190, 123 |
| RGB Percent | 57%, 75%, 48% |
| CMY | 0.4275, 0.2549, 0.5176 |
| CMYK | 0.23, 0.00, 0.35, 0.25 |
| HSL | 99°, 34%, 61% |
| HSV | 99°, 35%, 75% |
| XYZ | 33.8427, 44.3680, 25.5191 |
| YIQ | 169.2060, -4.7170, -30.1650 |

Conversions

Conversions Part 2

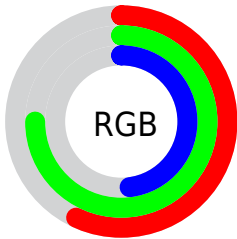
| Format | Color |
|-------------------------------------|--|
| RYB | 123, 190, 167 |
| Decimal | 9617019 |
| CIELab | 72.47, -26.96, 29.23 |
| CIELCh | 72, 39.769, 132.691 |
| Yxy | 44.3680, 0.3263, 0.4277 |
| Android (android.graphics.Color) | 4287807099 (0xFF92BE7B) |
| YUV | 169.2060, -22.7796, -20.3517 |
| Hunter-Lab | 66.6093, -25.8744, 23.9116 |

Details

The RGB color **146, 190, 123** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167, 123, 190**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **201, 247, 176**, and **94, 136, 73** is the 20% darker color. If you saturate the color by 10%, you get **134, 190, 104**, and if you desaturate by 10%, it is **158, 190, 142**.

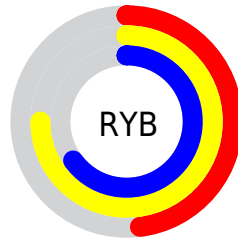
Distribution



Red (57%)

Green (75%)

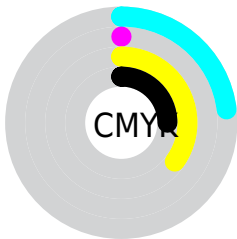
Blue (48%)



Red (48%)

Yellow (75%)

Blue (65%)

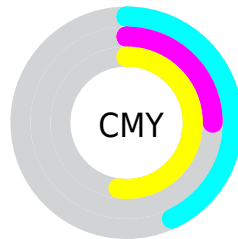


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (25%)



Cyan (43%)

Magenta (25%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 190, 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 146, 190, 123 by changing the saturation by 10% instead.

 146, 190, 123


255, 255, 255

 201, 247, 176

 229, 255, 204

 255, 255, 232

 146, 190, 123

 120, 163, 98

 94, 136, 73

 69, 111, 50

 44, 86, 27


 19, 63, 2


 0, 40, 0

 0, 16, 0


 0, 0, 0


 146, 190, 123

 146, 190, 123

 134, 190, 104

 158, 190, 142


 121, 190, 85

 171, 190, 161


 109, 190, 66


 183, 190, 180


 96, 190, 47


 196, 190, 199

 84, 190, 28

 208, 190, 218

 71, 190, 9

 221, 190, 237

 65, 190, 0

 233, 190, 255

 246, 190, 255

 255, 190, 255

Harmonies

Analogous

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



186, 181, 106



146, 190, 123



100, 196, 155

Triad

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



146, 190, 123



86, 187, 246



249, 149, 163

Complementary

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



146, 190, 123



167, 123, 190

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.



235, 152, 200



146, 190, 123



150, 176, 248

Square

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



146, 190, 123



4, 195, 226



202, 163, 231



242, 156, 130

Rectangle

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



146, 190, 123



64, 197, 180



202, 163, 231



246, 149, 176

Sweetspot

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



146, 190, 123



229, 247, 220



190, 167, 123



114, 125, 109



252, 252, 252



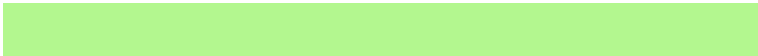
125, 125, 125

Same Dimension

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



146, 190, 123



179, 247, 143



123, 190, 133



88, 94, 85



54, 158, 0



11, 31, 0

Inverse Universe

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



167, 123, 190



212, 143, 247



190, 123, 180



91, 85, 94



104, 0, 158



20, 0, 31

Previews

White Background



This preview shows how the RGB color 146, 190, 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 146, 190, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

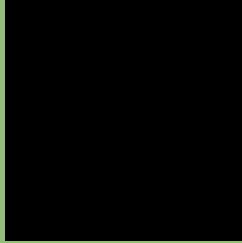
Any Text WCAG AA ✓ Pass

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 146, 190, 123 Background



This preview shows how black text looks on a background with the RGB color 146, 190, 123.



This preview shows how white text looks on a background with the RGB color 146, 190, 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](#).

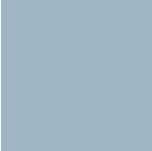
Dichromacy



Original Color
146, 190, 123

Protanopia
192, 177, 118

Deuteranopia
210, 170, 127



Tritanopia
157, 181, 196

Trichromacy



Original Color
146, 190, 123

Protanomaly
175, 182, 120

Deuteranomaly
187, 177, 126

Tritanomaly
153, 184, 169

Monochromacy



Original Color
146, 190, 123

Achromatopsia
169, 169, 169

Achromatomaly
161, 177, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 190, 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(146, 190, 123)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 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(146, 190, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 123) }
```

Border

The CSS property to change the border of an element to RGB 146, 190, 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(146, 190, 123) }
```

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

```
.border{ border-color:rgb(146, 190, 123) }
```

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

Here you see how a box with a 4 pixel rgb(146, 190, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 123);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 146, 190, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 123) }
```

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

```
.background{ background-color: rgb(146,  
190, 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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