

Converting Colors

RGB(149, 162, 65)

Have a look what the booklet for
RGB(149, 162, 65) contains.

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Color

RGB(149, 162, 65)

Conversions

Conversions Part 1

Format	Color
Hex	95A241
RGB	149, 162, 65
RGB Percent	58%, 64%, 25%
CMY	0.4157, 0.3647, 0.7451
CMYK	0.08, 0.00, 0.60, 0.36
HSL	68°, 43%, 45%
HSV	68°, 60%, 64%
XYZ	26.2689, 32.6119, 9.9112
YIQ	147.0550, 23.3890, -32.9230

Conversions

Conversions Part 2

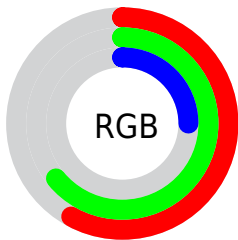
Format	Color
RYB	65, 162, 78
Decimal	9806401
CIELab	63.85, -18.47, 47.70
CIELCh	64, 51.149, 111.169
Yxy	32.6119, 0.3819, 0.4741
Android (android.graphics.Color)	4287996481 (0xFF95A241)
YUV	147.0550, -40.4531, 1.7058
Hunter-Lab	57.1068, -17.8277, 29.6846

Details

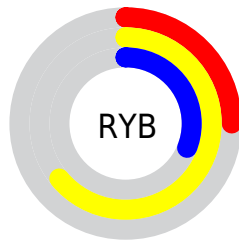
The RGB color **149, 162, 65** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **78, 65, 162**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **205, 217, 117**, and **96, 110, 8** is the 20% darker color. If you saturate the color by 10%, you get **147, 162, 49**, and if you desaturate by 10%, it is **151, 162, 81**.

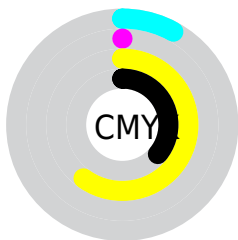
Distribution



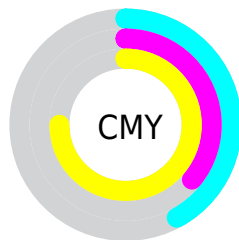
- Red (58%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (31%)



- Cyan (8%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 162, 65 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 149, 162, 65 by changing the saturation by 10% instead.



149, 162, 65



149, 162, 65

255, 255, 255



122, 136, 39



205, 217, 117



96, 110, 8



234, 245, 143



70, 86, 0



255, 255, 171



45, 63, 0



255, 255, 198



20, 41, 0



255, 255, 227



0, 22, 0



0, 0, 0



149, 162, 65




149, 162, 65





147, 162, 49




151, 162, 81

 145, 162, 33

 153, 162, 97


 142, 162, 16


 156, 162, 114

 140, 162, 0


 158, 162, 130

 140, 162, 0

 160, 162, 146

 162, 162, 162

 164, 162, 178

 166, 162, 195

 169, 162, 211

Harmonies

Analogous

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



192, 148, 61



149, 162, 65



95, 172, 95

Triad

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



149, 162, 65



0, 173, 225



232, 116, 170

Complementary

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



149, 162, 65



78, 65, 162

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.



198, 130, 212



149, 162, 65



0, 164, 244

Square

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



149, 162, 65



0, 177, 186



135, 148, 240



239, 117, 124

Rectangle

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



149, 162, 65



33, 175, 124



135, 148, 240



223, 120, 185

Sweetspot

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



149, 162, 65



207, 212, 174



162, 78, 65



104, 107, 84



235, 235, 235



107, 107, 107

Same Dimension

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



149, 162, 65



191, 212, 59



101, 162, 65



81, 82, 73



126, 145, 0



15, 18, 0

Inverse Universe

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



78, 65, 162



80, 59, 212



126, 65, 162



75, 73, 82



19, 0, 145



2, 0, 18

Previews

White Background



This preview shows how the RGB color 149, 162, 65 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 149, 162, 65 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

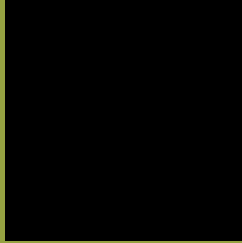
Any Text WCAG AA ✓ Pass

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 149, 162, 65 Background



This preview shows how black text looks on a background with the RGB color 149, 162, 65.



This preview shows how white text looks on a background with the RGB color 149, 162, 65.

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
149, 162, 65

Protanopia
172, 155, 63

Deuteranopia
191, 147, 69



Tritanopia
159, 152, 164

Trichromacy



Original Color
149, 162, 65

Protanomaly
164, 158, 64

Deuteranomaly
176, 152, 68

Tritanomaly
155, 156, 128

Monochromacy



Original Color
149, 162, 65

Achromatopsia
147, 147, 147

Achromatomaly
148, 152, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 162, 65 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(149, 162, 65)` looks like.

```
.text, #text, p{  
    color:rgb(149, 162, 65)  
}
```

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(149, 162, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 162, 65) }
```

Border

The CSS property to change the border of an element to RGB 149, 162, 65 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(149, 162, 65) }
```

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

```
.border{ border-color:rgb(149, 162, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 162, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 162, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 162, 65);  
box-shadow:4px 4px 4px 4px rgb(149, 162,  
65) }
```

Background

The CSS property to change the background color of an element to RGB 149, 162, 65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 162, 65) }
```

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

```
.background{ background-color: rgb(149,  
162, 65) }
```

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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