

Converting Colors

Hex(9EB245)

Have a look what the booklet for
Hex(9EB245) contains.

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Color

Hex(9EB245)

Conversions

Conversions Part 1

Format	Color
Hex	9EB245
RGB	158, 178, 69
RGB Percent	62%, 70%, 27%
CMY	0.3804, 0.3020, 0.7294
CMYK	0.11, 0.00, 0.61, 0.30
HSL	71°, 44%, 48%
HSV	71°, 61%, 70%
XYZ	31.0951, 39.5396, 11.6232
YIQ	159.5940, 23.0690, -38.1390

Conversions

Conversions Part 2

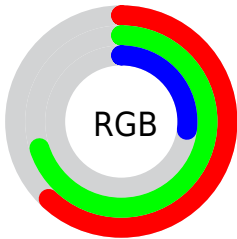
Format	Color
RYB	69, 178, 89
Decimal	10400325
CIELab	69.14, -22.46, 51.92
CIElCh	69, 56.568, 113.392
Yxy	39.5396, 0.3780, 0.4807
Android (android.graphics.Color)	4288590405 (0xFF9EB245)
YUV	159.5940, -44.6628, -1.3979
Hunter-Lab	62.8805, -21.7706, 33.0568

Details

The Hex color **9EB245** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5945B2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D7EA7A**, and **687D09** is the 20% darker color. If you saturate the color by 10%, you get **9BB233**, and if you desaturate by 10%, it is **A1B257**.

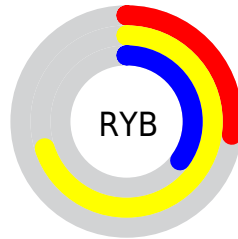
Distribution



Red (62%)

Green (70%)

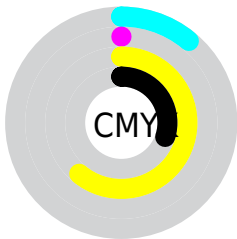
Blue (27%)



Red (27%)

Yellow (70%)

Blue (35%)

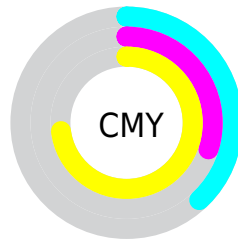


Cyan (11%)

Magenta (0%)

Yellow (61%)

Black (30%)



Cyan (38%)

Magenta (30%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB245 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 Hex color 9EB245 by changing the saturation by 10% instead.



9EB245



9EB245

FFFFFF



83972A



D7EA7A



687D09



F4FF95



4D6400



FFFFB0



354C00



FFFFCC



1A3600



FFFFE9



002100



000000



9EB245



9EB245



9BB233



A1B257

■ 97B221

■ A5B269

■ 94B210

■ A8B27A

■ 91B200

■ ABB28C

■ AEB29E

■ B2B2B0

■ B5B2C2

■ B8B2D3

■ BBB2E5

Harmonies

Analogous

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



CFA23E



9EB245



5FBC69

Triad

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



9EB245



00BDFA



FF7DB6

Complementary

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



9EB245



5945B2

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.



DD8BE7



9EB245



00B2FF

Square

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



9EB245



00C2D0



98A0FF



FF7F83

Rectangle

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



9EB245



00C08A



98A0FF



F880C7

Sweetspot

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



9EB245



E0E8BE



B25945



71755B



F5F5F5



757575

Same Dimension

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



9EB245



C9E83F



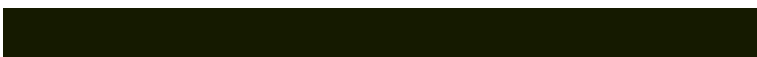
68B245



585950



7D9900



151A00

Inverse Universe

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



5945B2



5E3FE8



8F45B2



525059



1C0099



05001A

Previews

White Background



This preview shows how the Hex color 9EB245 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

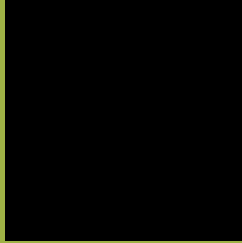
Any Text WCAG AA ✓ Pass

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](#).

Hex 9EB245 Background



This preview shows how black text looks on a background with the Hex color 9EB245.

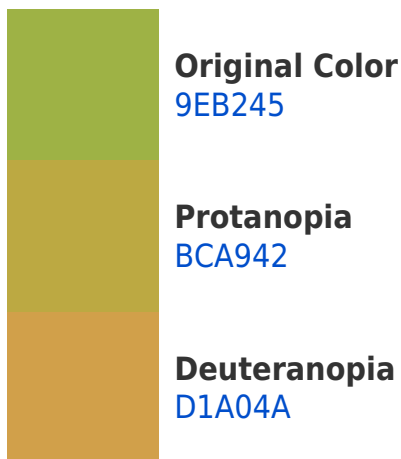


This preview shows how white text looks on a background with the Hex color 9EB245.

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](#).

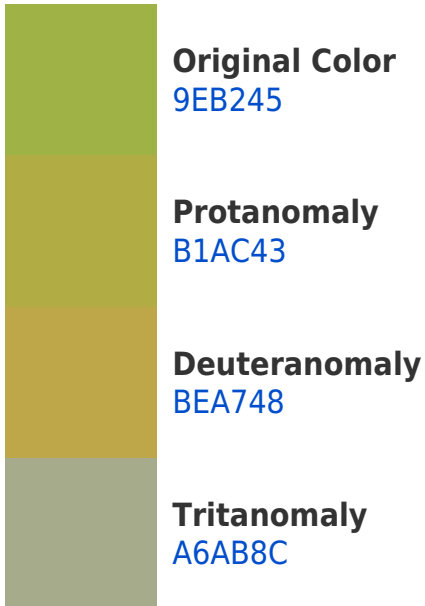
Dichromacy





Tritanopia
AAA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB245 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 #9EB245 looks like.

```
.text, #text, p{  
    color:#9EB245  
}
```

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 #9EB245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB245
}
```

Border

The CSS property to change the border of an element to Hex 9EB245 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
#9EB245 }
```

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

```
.border{ border-color:#9EB245 }
```

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

Here you see how a box with a 4 pixel #9EB245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB245; -webkit-box-shadow:4px 4px  
4px 4px #9EB245; box-shadow:4px 4px 4px  
4px #9EB245 }
```

Background

The CSS property to change the background color of an element to Hex 9EB245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB245 }
```

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

```
.background{ background-color:#9EB245 }
```

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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