

Converting Colors

Hex(9EB249)

Have a look what the booklet for
Hex(9EB249) contains.

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Color

Hex(9EB249)

Conversions

Conversions Part 1

Format	Color
Hex	9EB249
RGB	158, 178, 73
RGB Percent	62%, 70%, 29%
CMY	0.3804, 0.3020, 0.7137
CMYK	0.11, 0.00, 0.59, 0.30
HSL	71°, 42%, 49%
HSV	71°, 59%, 70%
XYZ	31.2235, 39.5909, 12.2995
YIQ	160.0500, 21.7850, -36.8950

Conversions

Conversions Part 2

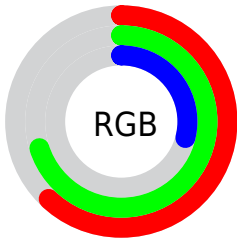
Format	Color
RYB	73, 178, 93
Decimal	10400329
CIELab	69.18, -22.14, 50.18
CIELCh	69, 54.846, 113.813
Yxy	39.5909, 0.3757, 0.4763
Android (android.graphics.Color)	4288590409 (0xFF9EB249)
YUV	160.0500, -42.9156, -1.7978
Hunter-Lab	62.9213, -21.5350, 32.4553

Details

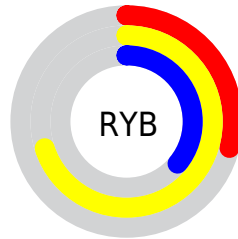
The Hex color **9EB249** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5D49B2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D7EA7D**, and **687D11** is the 20% darker color. If you saturate the color by 10%, you get **9BB237**, and if you desaturate by 10%, it is **A1B25B**.

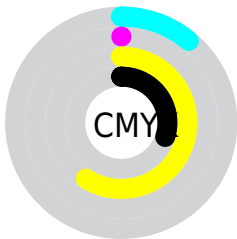
Distribution



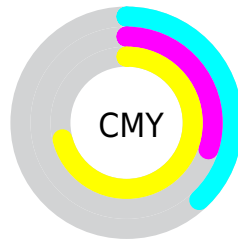
- Red (62%)
- Green (70%)
- Blue (29%)



- Red (29%)
- Yellow (70%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (59%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB249 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 9EB249 by changing the saturation by 10% instead.



9EB249



9EB249

FFFFFF



83972F



D7EA7D



687D11



F4FF98



4E6400



FFFFB4



354C00



FFFFD0



1A3600



FFFFED



002100



000000



9EB249



9EB249



9BB237



A1B25B

 97B225

 A5B26D

 94B214

 A8B27E

 90B202

 ACB290

 90B200

 AFB2A2

 B2B2B4

 B6B2C6

 B9B2D7

 BDB2E9

Harmonies

Analogous

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



CEA342



9EB249



61BC6C

Triad

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



9EB249



00BCF8



FF7EB5

Complementary

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



9EB249



5D49B2

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.



DC8CE4



9EB249



00B1FF

Square

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



9EB249



00C1CF



9BA0FF



FF8184

Rectangle

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



9EB249



0AC08B



9BA0FF



F682C6

Sweetspot

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



9EB249



E0E8BE



B25C49



70755B



F5F5F5



757575

Same Dimension

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



9EB249



C9E843



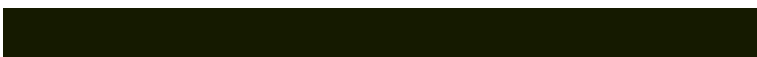
6AB249



585950



7C9900



151A00

Inverse Universe

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



5D49B2



6343E8



9149B2



525059



1D0099



05001A

Previews

White Background



This preview shows how the Hex color 9EB249 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 9EB249 Background



This preview shows how black text looks on a background with the Hex color 9EB249.



This preview shows how white text looks on a background with the Hex color 9EB249.

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
9EB249

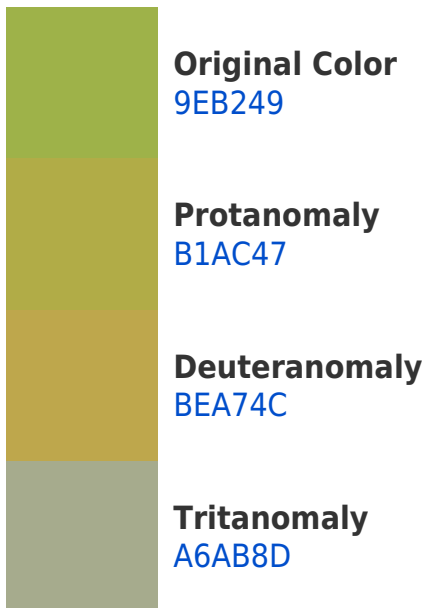
Protanopia
BCA946

Deuteranopia
D0A04E

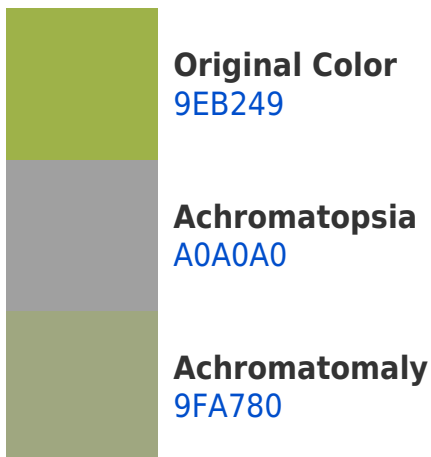


Tritanopia
AAA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB249 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 #9EB249 looks like.

```
.text, #text, p{  
    color:#9EB249  
}
```

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 #9EB249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB249
}
```

Border

The CSS property to change the border of an element to Hex 9EB249 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
#9EB249 }
```

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

```
.border{ border-color:#9EB249 }
```

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

Here you see how a box with a 4 pixel #9EB249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB249; -webkit-box-shadow:4px 4px  
4px 4px #9EB249; box-shadow:4px 4px 4px  
4px #9EB249 }
```

Background

The CSS property to change the background color of an element to Hex 9EB249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB249 }
```

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

```
.background{ background-color:#9EB249 }
```

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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