

# Converting Colors

Hex(9EC151)

Have a look what the booklet for  
Hex(9EC151) contains.

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**Color**

**Hex(9EC151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EC151
RGB	158, 193, 81
RGB Percent	62%, 76%, 32%
CMY	0.3804, 0.2431, 0.6824
CMYK	0.18, 0.00, 0.58, 0.24
HSL	79°, 47%, 54%
HSV	79°, 58%, 76%
XYZ	34.6557, 46.0031, 14.8375
YIQ	169.7670, 15.0920, -42.2520

# Conversions

## Conversions Part 2

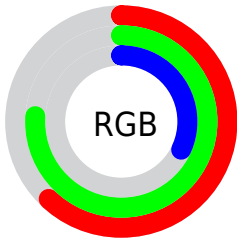
Format	Color
<a href="#">RYB</a>	<a href="#">81, 193, 116</a>
Decimal	<a href="#">10404177</a>
CIELab	<a href="#">73.55, -28.78, 51.47</a>
CIELCh	<a href="#">74, 58.971, 119.209</a>
Yxy	<a href="#">46.0031, 0.3629, 0.4817</a>
Android (android.graphics.Color)	<a href="#">4288594257 (0xFF9EC151)</a>
YUV	<a href="#">169.7670, -43.7621, -10.3197</a>
Hunter-Lab	<a href="#">67.8256, -27.4896, 34.5076</a>

# Details

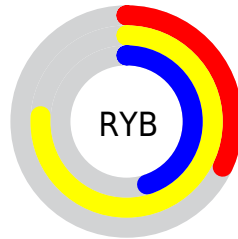
The Hex color **9EC151** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **7451C1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D7FA86**, and **688B1A** is the 20% darker color. If you saturate the color by 10%, you get **98C13E**, and if you desaturate by 10%, it is **A4C164**.

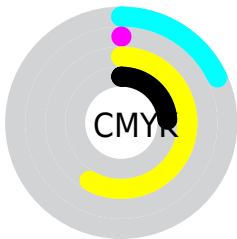
# Distribution



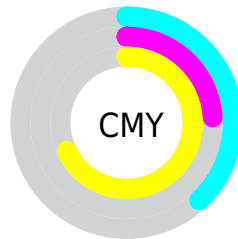
- Red (62%)
- Green (76%)
- Blue (32%)



- Red (32%)
- Yellow (76%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (58%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EC151 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 9EC151 by changing the saturation by 10% instead.



 9EC151

 9EC151

FFFFFF

 83A637

 D7FA86

 688B1A

 F4FFA1

 4D7200

 FFFFBD

 335900

 FFFFDA

 184100

 FFFFF7

 002B00

 001500

 000000

 9EC151

 9EC151

■ 98C13E

■ A4C164

■ 92C12A

■ AAC178

■ 8CC117

■ B0C18B

■ 86C104

■ B6C19E

■ 85C100

■ BCC1B2

■ C2C1C5

■ C8C1D8

■ CEC1EB

■ D4C1FF

# Harmonies

## Analogous

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



D4B143



9EC151



55CB7B

# Triad

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



9EC151



00C8FF



FF85B8

# Complementary

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



9EC151



7451C1

# 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.



F691ED



9EC151



3ABBFF

# Square

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



9EC151



00CFE8



B4A7FF



FF8B83

# Rectangle

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



9EC151



00CE9F



B4A7FF



FF87CB

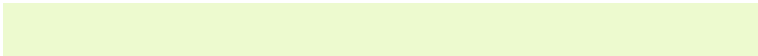


# Sweetspot

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



9EC151



EDFACF



C17351



757D64



FCFCFC



7D7D7D



# Same Dimension

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



9EC151



C3FA4B



67C151



5E6157



6EA100



172100



# Inverse Universe

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



7451C1



824BFA



AB51C1



5A5761



3200A1



0A0021



# Previews

## White Background



This preview shows how the Hex color 9EC151 looks on a white background.

## Color Contrast Check

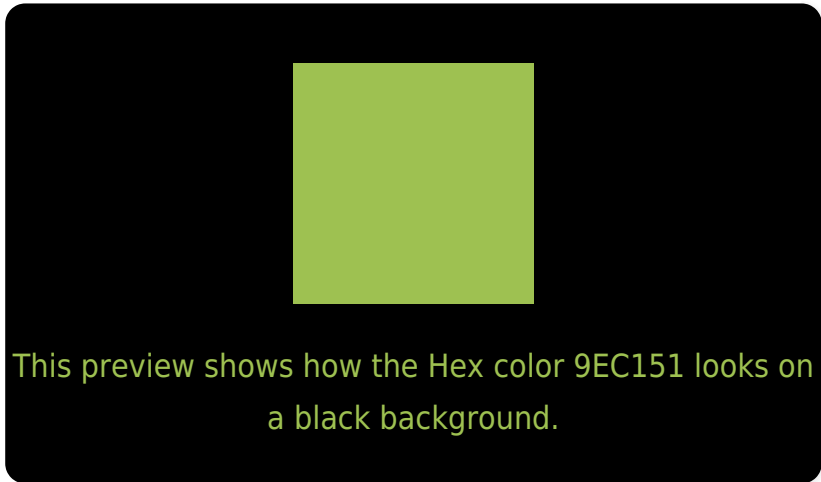
Large Text (above 18pt) WCAG AA × Fail

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 9EC151 Background



This preview shows how black text looks on a background with the Hex color 9EC151.

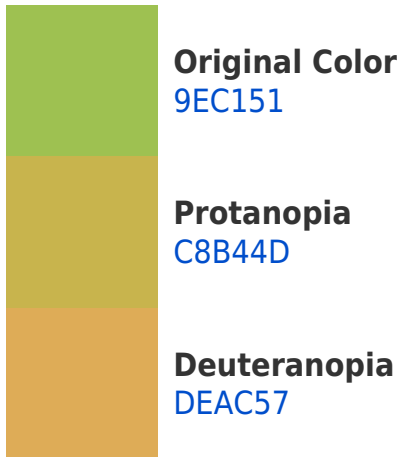


This preview shows how white text looks on a background with the Hex color 9EC151.

# 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





# Trichromacy



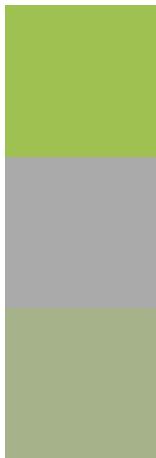
**Original Color**  
9EC151

**Protanomaly**  
B9B94E

**Deuteranomaly**  
C7B455

**Tritanomaly**  
A7B99A

# Monochromacy



**Original Color**  
9EC151

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
A6B28A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EC151 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 #9EC151 looks like.

```
.text, #text, p{  
    color:#9EC151  
}
```

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 #9EC151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC151
}
```

## Border

The CSS property to change the border of an element to Hex 9EC151 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
#9EC151 }
```

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

```
.border{ border-color:#9EC151 }
```

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

Here you see how a box with a 4 pixel #9EC151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC151; -webkit-box-shadow:4px 4px  
4px 4px #9EC151; box-shadow:4px 4px 4px  
4px #9EC151 }
```

# Background

The CSS property to change the background color of an element to Hex 9EC151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC151 }
```

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

```
.background{ background-color:#9EC151 }
```

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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