

# Converting Colors

Hex(9ED483)

Have a look what the booklet for  
Hex(9ED483) contains.

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**Color**

**Hex(9ED483)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9ED483
RGB	158, 212, 131
RGB Percent	62%, 83%, 51%
CMY	0.3804, 0.1686, 0.4863
CMYK	0.25, 0.00, 0.38, 0.17
HSL	100°, 49%, 67%
HSV	100°, 38%, 83%
XYZ	41.7408, 55.9948, 30.0808
YIQ	186.6200, -6.1830, -36.6390

# Conversions

## Conversions Part 2

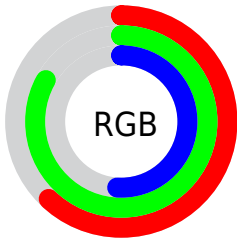
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 212, 185</a>
Decimal	<a href="#">10409091</a>
CIELab	<a href="#">79.61, -32.06, 34.59</a>
CIELCh	<a href="#">80, 47.163, 132.831</a>
Yxy	<a href="#">55.9948, 0.3266, 0.4381</a>
Android (android.graphics.Color)	<a href="#">4288599171 (0xFF9ED483)</a>
YUV	<a href="#">186.6200, -27.4207, -25.0997</a>
Hunter-Lab	<a href="#">74.8296, -31.3827, 28.5467</a>

# Details

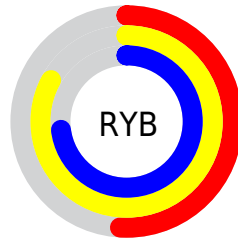
The Hex color **9ED483** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B983D4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D6FFB9**, and **699D50** is the 20% darker color. If you saturate the color by 10%, you get **90D46E**, and if you desaturate by 10%, it is **ACD498**.

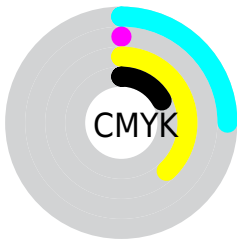
# Distribution



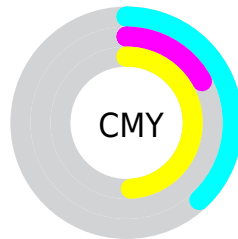
- Red (62%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)



- Cyan (38%)
- Magenta (17%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ED483 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 9ED483 by changing the saturation by 10% instead.





9ED483



9ED483

FFFFFF



83B869



D6FFB9



699D50



F3FFD5



4F8338



FFFFF1



356920



1A5106



003900



002400



000000



9ED483



9ED483

 90D46E

 ACD498

 82D459

 BAD4AD

 74D443

 C8D4C3

 65D42E

 D7D4D8

 57D419

 E5D4ED

 49D404

 F3D4FF

 47D400

 FFD4FF

# Harmonies

## Analogous

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



CFC96E



9ED483



63DBAA

# Triad

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



9ED483



49D1FF



FFA2B4

# Complementary

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



9ED483



B983D4

# 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.



FFA5E0



9ED483



A2C3FF

# Square

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



9ED483



00D9FF



E2B3FF



FFAB8C

# Rectangle

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



9ED483



27DCC8



E2B3FF



FFA2C3

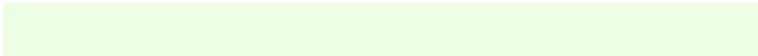


# Sweetspot

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



9ED483



ECFFE3



D4B983



74806F



000000



808080

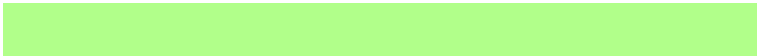


# Same Dimension

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



9ED483



B1FF8A



83D490



646B60



39AB00



0E2B00



# Inverse Universe

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



B983D4



D88AFF



D483C6



68606B



7200AB



1D002B



# Previews

## White Background



This preview shows how the Hex color 9ED483 looks on a white background.

## Color Contrast Check

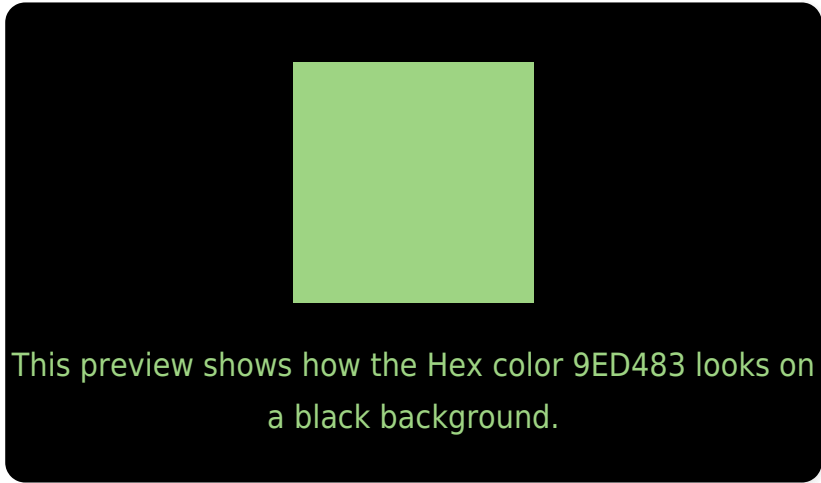
Large Text (above 18pt) WCAG AA × Fail

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

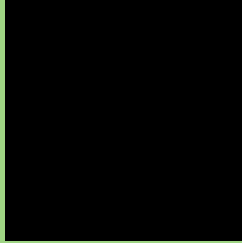
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ED483 Background



This preview shows how black text looks on a background with the Hex color 9ED483.

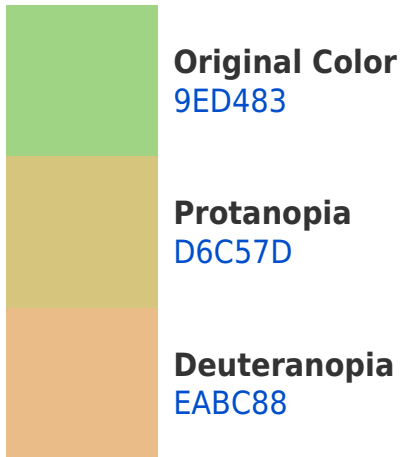


This preview shows how white text looks on a background with the Hex color 9ED483.

# 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**  
9ED483



**Protanomaly**  
C2CA7F



**Deuteranomaly**  
CEC586



**Tritanomaly**  
A7CEBA

# Monochromacy



**Original Color**  
9ED483



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
B0C4A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ED483 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 #9ED483 looks like.

```
.text, #text, p{  
    color:#9ED483  
}
```

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 #9ED483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED483
}
```

## Border

The CSS property to change the border of an element to Hex 9ED483 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
#9ED483 }
```

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

```
.border{ border-color:#9ED483 }
```

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

Here you see how a box with a 4 pixel #9ED483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED483; -webkit-box-shadow:4px 4px  
4px 4px #9ED483; box-shadow:4px 4px 4px  
4px #9ED483 }
```

# Background

The CSS property to change the background color of an element to Hex 9ED483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED483 }
```

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

```
.background{ background-color:#9ED483 }
```

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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