

# Converting Colors

Hex(DDEA90)

Have a look what the booklet for  
Hex(DDEA90) contains.

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# **Color**

**Hex(DDEA90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDEA90
RGB	221, 234, 144
RGB Percent	87%, 92%, 56%
CMY	0.1333, 0.0824, 0.4353
CMYK	0.06, 0.00, 0.38, 0.08
HSL	69°, 68%, 74%
HSV	69°, 38%, 92%
XYZ	64.2757, 76.2314, 37.7120
YIQ	219.8530, 21.1420, -30.7460

# Conversions

## Conversions Part 2

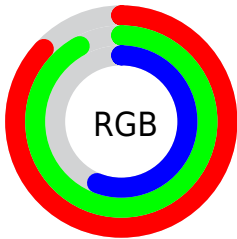
Format	Color
<a href="#">RYB</a>	<a href="#">144, 234, 157</a>
Decimal	<a href="#">14543504</a>
CIELab	<a href="#">89.97, -17.88, 42.25</a>
CIELCh	<a href="#">90, 45.874, 112.939</a>
Yxy	<a href="#">76.2314, 0.3607, 0.4277</a>
Android (android.graphics.Color)	<a href="#">4292733584</a> ( <a href="#">0xFFDDEA90</a> )
YUV	<a href="#">219.8530, -37.3955, 1.0059</a>
Hunter-Lab	<a href="#">87.3106, -21.3868, 35.5083</a>

# Details

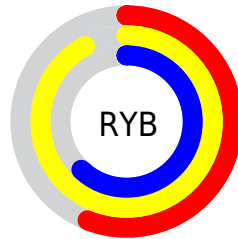
The Hex color **DDEA90** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9D90EA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFC7**, and **A5B25C** is the 20% darker color. If you saturate the color by 10%, you get **DAEA79**, and if you desaturate by 10%, it is **E0EAA7**.

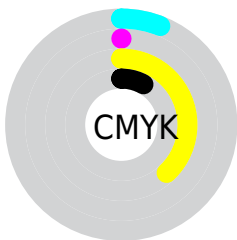
# Distribution



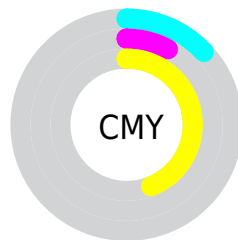
- Red (87%)
- Green (92%)
- Blue (56%)



- Red (56%)
- Yellow (92%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDEA90 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 DDEA90 by changing the saturation by 10% instead.



 DDEA90

FFFFFF

 FFFFC7

 FFFF E3

 DDEA90

 C0CE76

 A5B25C


 899843

 6F7E2A

 55650F

 3C4D00

 243600

 092100

 000000

 DDEA90

 DDEA90

 DAEA79

 E0EAA7

 D6EA61

 E4EABF

 D3EA4A

 E7EAD6

 CFEA32

 EBEAEE

 CCEA1B

 EEEAFF

 C9EA04

 F1EAFF

 C8EA00

 F5EAFF

 F8EAFF

 FB EAFF

# Harmonies

## Analogous

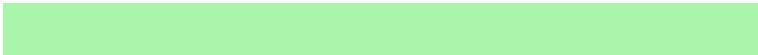
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC8B



DDEA90



AAF4AC

# Triad

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



DDEA90



45F4FF



FFC1EF

# Complementary

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



DDEA90



9D90EA

# 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.



FFCBFF



DDEA90



91EAFF

# Square

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



DDEA90



35F9FF



D9DBFF



FFC2C2

# Rectangle

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



DDEA90



85F8C7



D9DBFF



FFC3FD



# Sweetspot

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



DDEA90



FBFFE0



EA9C90



7D806E



000000



808080



# Same Dimension

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



DDEA90



EEFF8A



B1EA90



74756A



9BB500



2E3600



# Inverse Universe

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



9D90EA



9B8AFF



C990EA



6B6A75



1A00B5



080036



# Previews

## White Background



This preview shows how the Hex color DDEA90 looks on a white background.

## Color Contrast Check

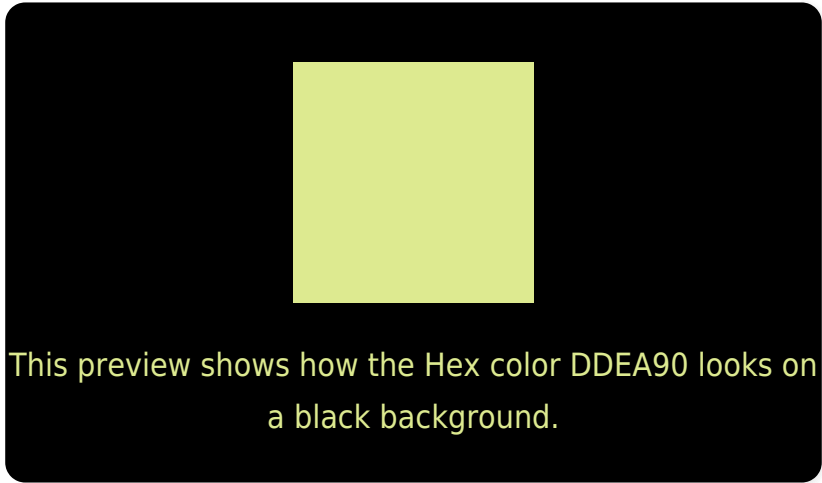
Large Text (above 18pt) WCAG AA × Fail

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

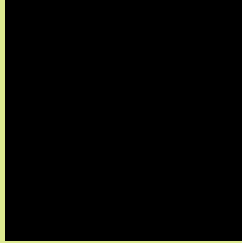
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDEA90 Background



This preview shows how black text looks on a background with the Hex color DDEA90.

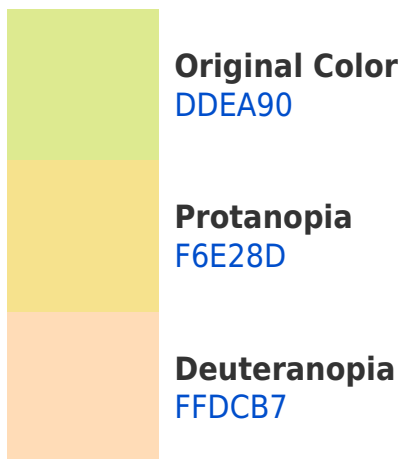


This preview shows how white text looks on a background with the Hex color DDEA90.

# 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](#).

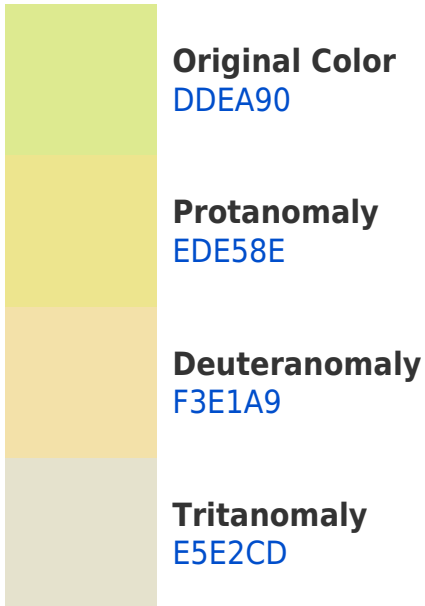
## Dichromacy



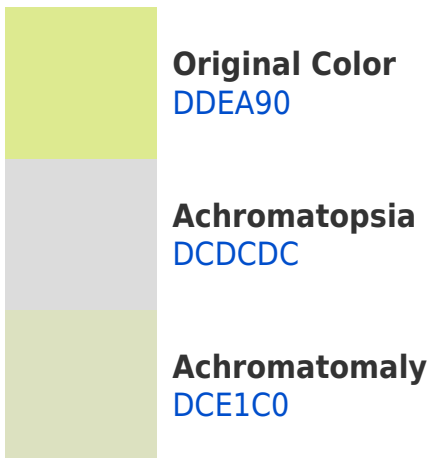


**Tritanopia**  
E9DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDEA90 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 #DDEA90 looks like.

```
.text, #text, p{  
    color:#DDEA90  
}
```

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 #DDEA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDEA90
}
```

## Border

The CSS property to change the border of an element to Hex DDEA90 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
#DDEA90 }
```

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

```
.border{ border-color:#DDEA90 }
```

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

Here you see how a box with a 4 pixel #DDEA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDEA90; -webkit-box-shadow:4px 4px  
4px 4px #DDEA90; box-shadow:4px 4px 4px  
4px #DDEA90 }
```

# Background

The CSS property to change the background color of an element to Hex DDEA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDEA90 }
```

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

```
.background{ background-color:#DDEA90 }
```

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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