

Converting Colors

Hex(DEEC91)

Have a look what the booklet for
Hex(DEEC91) contains.

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Color

Hex(DEEC91)

Conversions

Conversions Part 1

Format	Color
Hex	DEEC91
RGB	222, 236, 145
RGB Percent	87%, 93%, 57%
CMY	0.1294, 0.0745, 0.4314
CMYK	0.06, 0.00, 0.39, 0.07
HSL	69°, 71%, 75%
HSV	69°, 39%, 93%
XYZ	65.2305, 77.5648, 38.3216
YIQ	221.4400, 20.8670, -31.2690

Conversions

Conversions Part 2

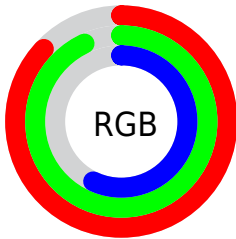
Format	Color
RYB	145, 236, 159
Decimal	14609553
CIELab	90.58, -18.36, 42.55
CIELCh	91, 46.347, 113.344
Yxy	77.5648, 0.3602, 0.4283
Android (android.graphics.Color)	4292799633 (0xFFDEEC91)
YUV	221.4400, -37.6849, 0.4911
Hunter-Lab	88.0709, -21.9165, 35.8513

Details

The Hex color **DEEC91** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9F91EC**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFC8**, and **A6B45D** is the 20% darker color. If you saturate the color by 10%, you get **DAEC79**, and if you desaturate by 10%, it is **E2ECA9**.

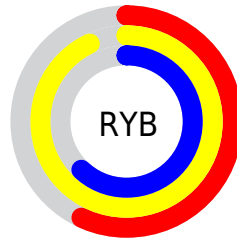
Distribution



Red (87%)

Green (93%)

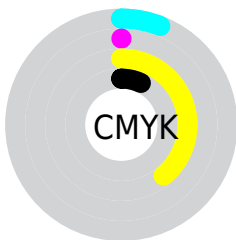
Blue (57%)



Red (57%)

Yellow (93%)

Blue (62%)

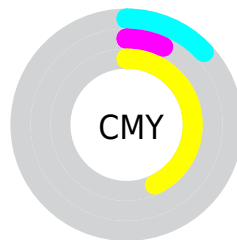


Cyan (6%)

Magenta (0%)

Yellow (39%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEEC91 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 DEEC91 by changing the saturation by 10% instead.

 DEEC91

 DEEC91

FFFFFF

 C1D077

 FFFFC8

 A6B45D

 FFFFE4

 8A9944

 707F2B

 566610

 3D4E00

 253800

 0A2200

 000400

 DEEC91

 DEEC91

 DAEC79

 E2ECA9

 D7EC62

 E5ECC0

 D3EC4A

 E9ECD8

 CFEC33

 EDECEF

 CCEC1B

 F0ECFF

 C8EC03

 F4ECFF

 C8EC00

 F7ECFF

 FBECFF

 FFECFF

Harmonies

Analogous

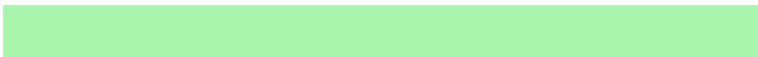
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDE8B



DEEC91



AAF6AE

Triad

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



DEEC91



44F6FF



FFC2F0

Complementary

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



DEEC91



9F91EC

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.



FFCCFF



DEEC91



93EBFF

Square

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



DEEC91



32FBFF



DBDCFF



FFC3C3

Rectangle

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



DEEC91



84FAC9



DBDCFF



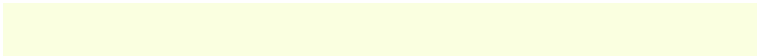
FFC5FF

Sweetspot

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



DEEC91



FAFFE0



EC9F91



7D806E



000000



808080

Same Dimension

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



DEEC91



EDFF8A



B1EC91



73756A



99B500



2D3600

Inverse Universe

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



9F91EC



9C8AFF



CC91EC



6B6A75



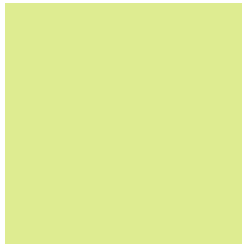
1C00B5



080036

Previews

White Background



This preview shows how the Hex color DEEC91 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



This preview shows how the Hex color DEEC91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

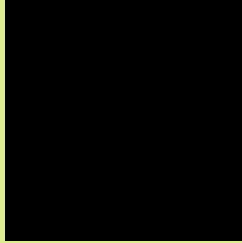
Any Text WCAG AA ✓ Pass

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 DEEC91 Background



This preview shows how black text looks on a background with the Hex color DEEC91.

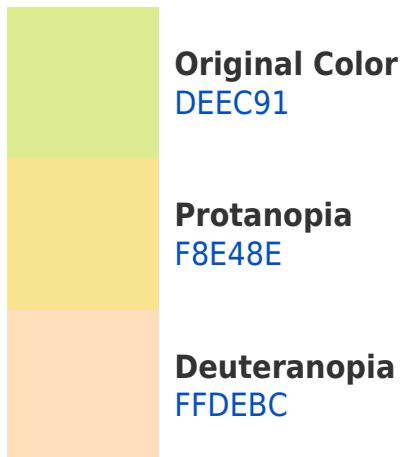


This preview shows how white text looks on a background with the Hex color DEEC91.

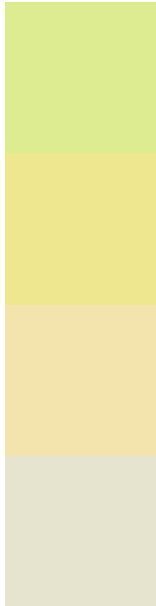
Color Blindness Simulation

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



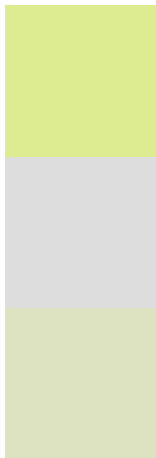
Original Color
DEEC91

Protanomaly
EFE78F

Deuteranomaly
F3E3AC

Tritanomaly
E6E4CF

Monochromacy



Original Color
DEEC91

Achromatopsia
DDDDDD

Achromatomaly
DDE2C1

CSS Examples

Text

The CSS property to change the color of the text to Hex DEEC91 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 #DEEC91 looks like.

```
.text, #text, p{  
    color:#DEEC91  
}
```

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 #DEEC91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEEC91
}
```

Border

The CSS property to change the border of an element to Hex DEEC91 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
#DEEC91 }
```

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

```
.border{ border-color:#DEEC91 }
```

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

Here you see how a box with a 4 pixel #DEEC91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEEC91; -webkit-box-shadow:4px 4px  
4px 4px #DEEC91; box-shadow:4px 4px 4px  
4px #DEEC91 }
```

Background

The CSS property to change the background color of an element to Hex DEEC91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEEC91 }
```

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

```
.background{ background-color:#DEEC91 }
```

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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