

# Converting Colors

Hex(DCEB92)

Have a look what the booklet for  
Hex(DCEB92) contains.

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# **Color**

**Hex(DCEB92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEB92
RGB	220, 235, 146
RGB Percent	86%, 92%, 57%
CMY	0.1373, 0.0784, 0.4275
CMYK	0.06, 0.00, 0.38, 0.08
HSL	70°, 69%, 75%
HSV	70°, 38%, 92%
XYZ	64.4118, 76.7076, 38.6053
YIQ	220.3690, 19.6290, -30.8590

# Conversions

## Conversions Part 2

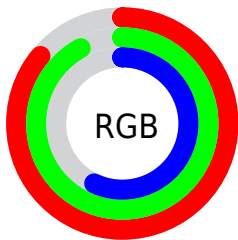
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 235, 161
Decimal	14478226
CIELab	90.19, -18.52, 41.53
CIELCh	90, 45.468, 114.035
Yxy	76.7076, 0.3584, 0.4268
Android (android.graphics.Color)	4292668306 (0xFFDCEB92)
YUV	220.3690, -36.6639, -0.3236
Hunter-Lab	87.5829, -21.9943, 35.1738

# Details

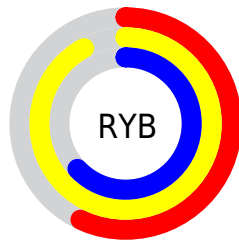
The Hex color **DCEB92** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A192EB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFC9**, and **A4B35E** is the 20% darker color. If you saturate the color by 10%, you get **D8EB7A**, and if you desaturate by 10%, it is **E0EBAA**.

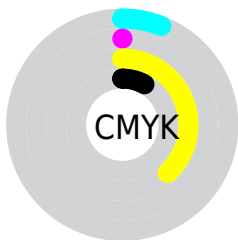
# Distribution



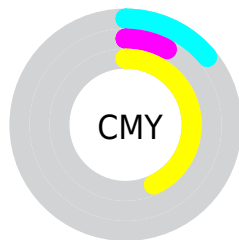
- Red (86%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (63%)



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



- Cyan (14%)
- Magenta (8%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCEB92 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 DCEB92 by changing the saturation by 10% instead.



 DCEB92

 DCEB92

FFFFFF

 C0CF78

 FFFFC9

 A4B35E

 FFFF E5

 899945

 6E7F2C

 546612

 3B4E00

 243700

 082100

 000100

 DCEB92

 DCEB92

 D8EB7A

 E0EBAA

 D4EB63

 E4EBC1

 D0EB4B

 E8EBD8

 CCEB34

 ECEBF0

 C8EB1D

 F0EBFF

 C4EB05

 F4EBFF

 C3EB00

 F8EBFF

 FCEBFF

 FFEBFF

# Harmonies

## Analogous

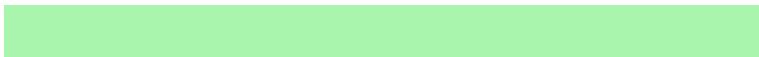
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD8C



DCEB92



A9F5AE

# Triad

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



DCEB92



4CF5FF



FFC2ED

# Complementary

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



DCEB92



A192EB

# 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



DCEB92



96EAFF

# Square

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



DCEB92



39FAFF



DCDBFF



FFC3C2

# Rectangle

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



DCEB92



84F9CA



DCDBFF



FFC4FC



# Sweetspot

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



DCEB92



FAFFE3



EBA192



7D806F



000000



808080



# Same Dimension

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



DCEB92



ECFF8C



B0EB92



73756A



97B500



2D3600



# Inverse Universe

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



A192EB



A08CFF



CD92EB



6C6A75



1F00B5

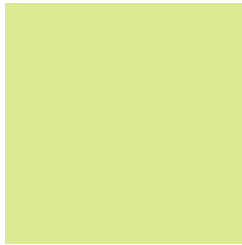


090036



# Previews

## White Background



This preview shows how the Hex color DCEB92 looks on a white background.

## Color Contrast Check

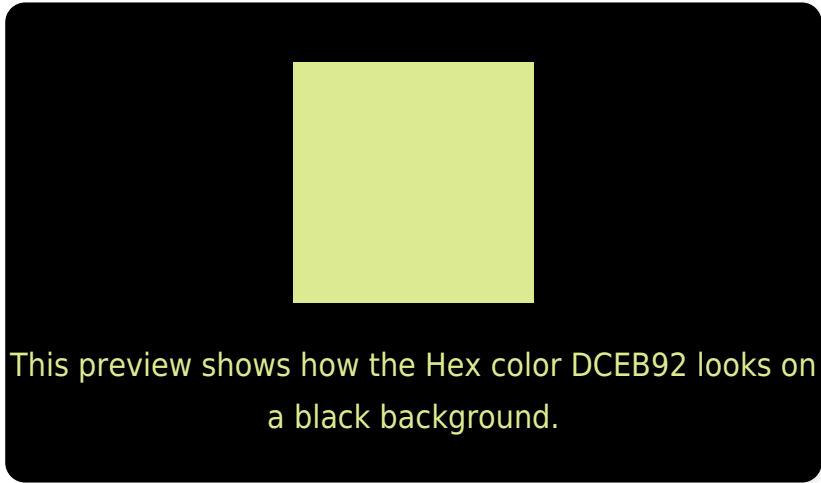
Large Text (above 18pt) WCAG AA × Fail

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

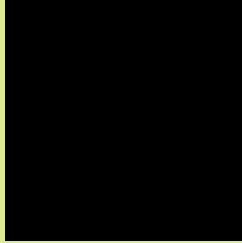
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCEB92 Background



This preview shows how black text looks on a background with the Hex color DCEB92.

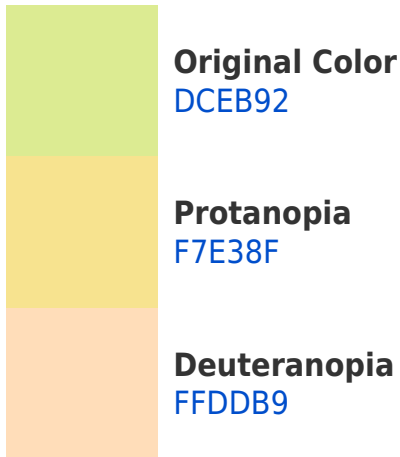


This preview shows how white text looks on a background with the Hex color DCEB92.

# 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](#).

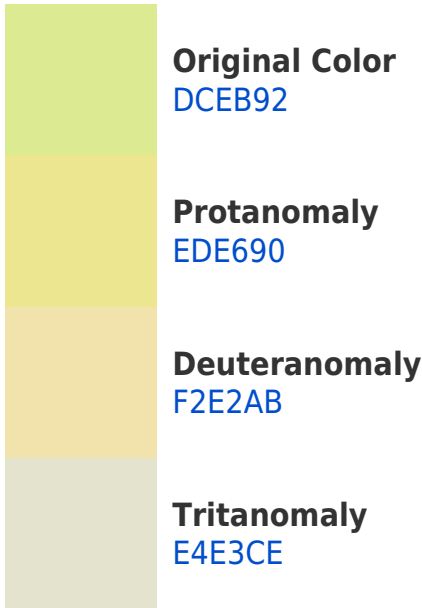
## Dichromacy



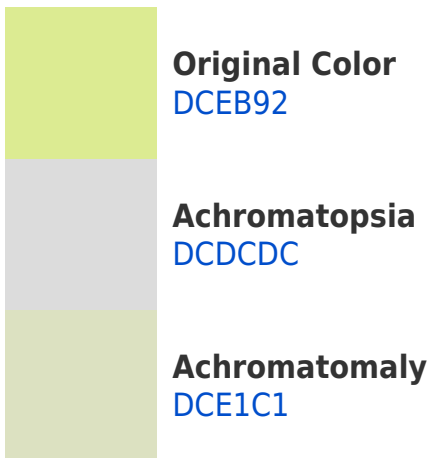


**Tritanopia**  
E8DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCEB92 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 #DCEB92 looks like.

```
.text, #text, p{  
    color:#DCEB92  
}
```

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 #DCEB92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEB92
}
```

## Border

The CSS property to change the border of an element to Hex DCEB92 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
#DCEB92 }
```

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

```
.border{ border-color:#DCEB92 }
```

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

Here you see how a box with a 4 pixel #DCEB92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEB92; -webkit-box-shadow:4px 4px  
4px 4px #DCEB92; box-shadow:4px 4px 4px  
4px #DCEB92 }
```

# Background

The CSS property to change the background color of an element to Hex DCEB92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEB92 }
```

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

```
.background{ background-color:#DCEB92 }
```

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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