

# Converting Colors

Hex(DDEEE3)

Have a look what the booklet for  
Hex(DDEEE3) contains.

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# Color

**Hex(DDEEE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDEEE3
RGB	221, 238, 227
RGB Percent	87%, 93%, 89%
CMY	0.1333, 0.0667, 0.1098
CMYK	0.07, 0.00, 0.05, 0.07
HSL	141°, 33%, 90%
HSV	141°, 7%, 93%
XYZ	74.2585, 82.0673, 84.5998
YIQ	231.6630, -6.6010, -7.0250

# Conversions

## Conversions Part 2

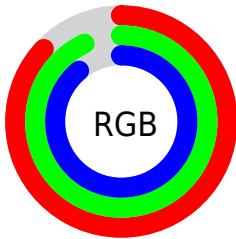
Format	Color
<a href="#">RYB</a>	<a href="#">221, 234, 238</a>
Decimal	<a href="#">14544611</a>
CIELab	<a href="#">92.60, -7.61, 3.38</a>
CIELCh	<a href="#">93, 8.331, 156.035</a>
Yxy	<a href="#">82.0673, 0.3082, 0.3406</a>
Android (android.graphics.Color)	<a href="#">4292734691 (0xFFDDEEE3)</a>
YUV	<a href="#">231.6630, -2.2989, -9.3515</a>
Hunter-Lab	<a href="#">90.5910, -12.2158, 8.0448</a>

# Details

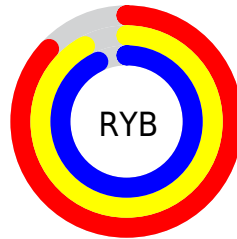
The Hex color **DDEEE3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EEDDE8**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A6B6AC** is the 20% darker color. If you saturate the color by 10%, you get **C5EED4**, and if you desaturate by 10%, it is **F5EEF2**.

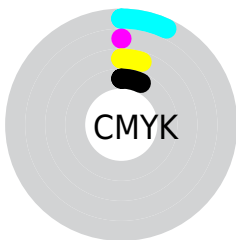
# Distribution



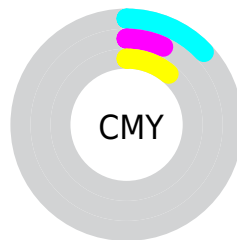
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDEEE3 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 DDEEE3 by changing the saturation by 10% instead.



 DDEEE3

FFFFFF

 DDEEE3

 C1D2C7

 A6B6AC

 8C9B91

 728178

 59685F

 425047

 2C3931

 17241C

 000F01

 DDEEE3

 DDEEE3

 C5EED4

 F5EEF2

 ADEEC4

 FFEEFF

 96EEB5

 7EEEA5

 66EE96

 4EEE87

 36EE77

 1FEE68

 07EE58

# Harmonies

## Analogous

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



E6ECDD



DDEEE3



D7EFEB

# Triad

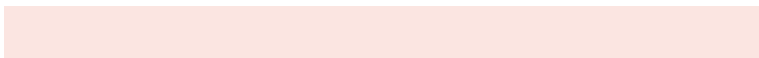
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DDEEE3



E4EAFA



FBE5E1

# Complementary

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



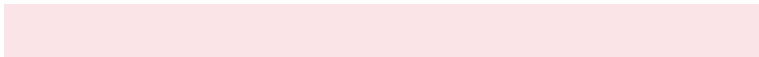
DDEEE3



EEDDE8

# 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.



FBE4E8



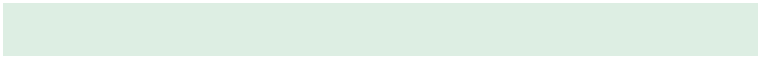
DDEEE3



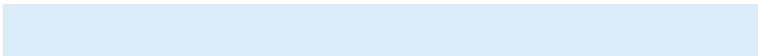
EEE7F7

# Square

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



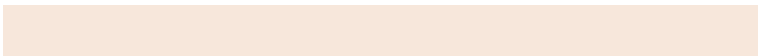
DDEEE3



DBECF8



F6E5F0



F7E7DB

# Rectangle

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



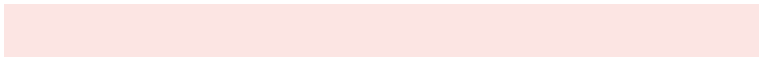
DDEE3



D6EEF0



F6E5F0



FCE5E3



# Sweetspot

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



DDEEE3



FAFFFC



E8EEDD



7D807E



000000



808080



# Same Dimension

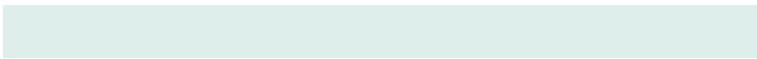
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DDEEE3



E8FFF0



DDEEEB



6C7870



00B841



003814



# Inverse Universe

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



EEDDE8



FFE8F7



EEDDE0



786C74



B80077

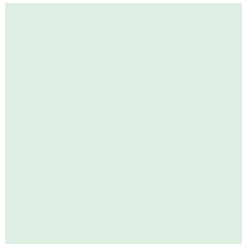


380024



# Previews

## White Background



This preview shows how the Hex color DDEEE3 looks on a white background.

## Color Contrast Check

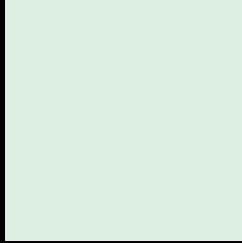
Large Text (above 18pt) WCAG AA × Fail

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 DDEEE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

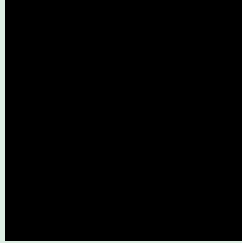
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

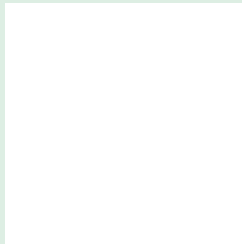
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDEEE3 Background



This preview shows how black text looks on a background with the Hex color DDEEE3.

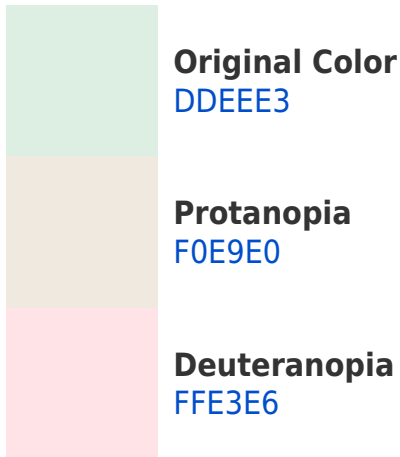


This preview shows how white text looks on a background with the Hex color DDEEE3.

# Color Blindness Simulation

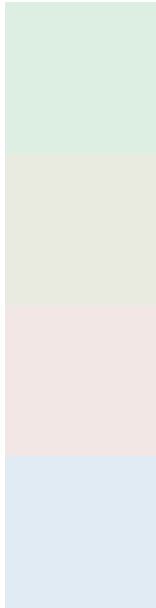
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



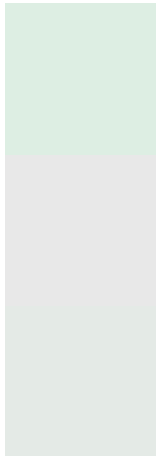
**Original Color**  
DDEEE3

**Protanomaly**  
E9EBE1

**Deuteranomaly**  
F3E7E5

**Tritanomaly**  
E0EBF4

# Monochromacy



**Original Color**  
DDEEE3

**Achromatopsia**  
E8E8E8

**Achromatomaly**  
E4EAE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDEEE3 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 #DDEEE3 looks like.

```
.text, #text, p{  
    color:#DDEEE3  
}
```

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 #DDEEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDEEE3  
}
```

## Border

The CSS property to change the border of an element to Hex DDEEE3 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  
#DDEEE3 }
```

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

```
.border{ border-color:#DDEEE3 }
```

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

Here you see how a box with a 4 pixel #DDEEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDEEE3; -webkit-box-shadow:4px 4px  
4px 4px #DDEEE3; box-shadow:4px 4px 4px  
4px #DDEEE3 }
```

# Background

The CSS property to change the background color of an element to Hex DDEEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDEEE3 }
```

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

```
.background{ background-color:#DDEEE3 }
```

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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