

Converting Colors

Hex(DDECE2)

Have a look what the booklet for
Hex(DDECE2) contains.

Hex(DDECE2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DDECE2)

Conversions

Conversions Part 1

Format	Color
Hex	DDECE2
RGB	221, 236, 226
RGB Percent	87%, 93%, 89%
CMY	0.1333, 0.0745, 0.1137
CMYK	0.06, 0.00, 0.04, 0.07
HSL	140°, 28%, 90%
HSV	140°, 6%, 93%
XYZ	73.5417, 80.8540, 83.6818
YIQ	230.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

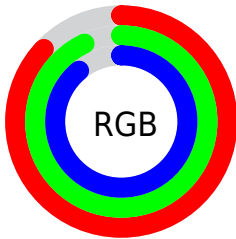
Format	Color
RYB	221, 232, 236
Decimal	14544098
CIELab	92.07, -6.78, 3.12
CIELCh	92, 7.466, 155.264
Yxy	80.8540, 0.3089, 0.3396
Android (android.graphics.Color)	4292734178 (0xFFDDECE2)
YUV	230.3750, -2.1569, -8.2219
Hunter-Lab	89.9189, -11.3687, 7.7657

Details

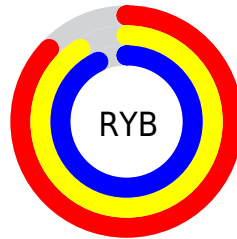
The Hex color **DDECE2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **ECDDE7**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A6B4AB** is the 20% darker color. If you saturate the color by 10%, you get **C5ECD2**, and if you desaturate by 10%, it is **F5ECF2**.

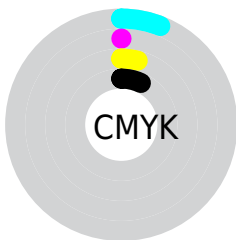
Distribution



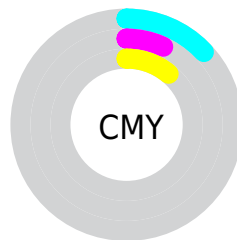
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DDECE2 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 DDECE2 by changing the saturation by 10% instead.

 DDECE2

FFFFFF

 DDECE2

 C1D0C6

 A6B4AB

 8C9990

 727F77

 59665E

 424E46

 2C3830

 17221B

 000C00

 DDECE2

 DDECE2

 C5ECD2

 F5ECF2

 AECC3

 FFECFF

 96ECB3

 7FECA3

 67EC93

 4FEC84

 38EC74

 20EC64

 09EC54

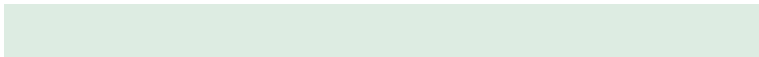
Harmonies

Analogous

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



E5EADC



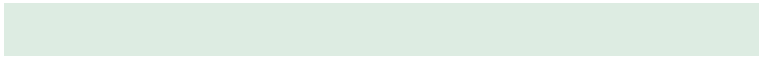
DDECE2



D8EDE9

Triad

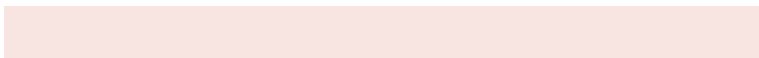
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DDECE2



E3E8F6



F8E4E0

Complementary

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



DDECE2



ECDDE7

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.



F8E3E7



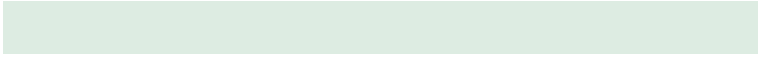
DDECE2



EBE6F4

Square

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



DDECE2



DBEBF5



F3E4EE



F4E6DB

Rectangle

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



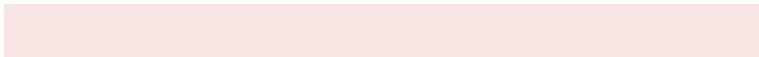
DDECE2



D7ECEE



F3E4EE



F8E4E2

Sweetspot

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



DDECE2



FAFFFC



E7ECDD



7D807E



000000



808080

Same Dimension

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



DDECE2



EBFFF1



DDECE9



6A756D



00B53C



003612

Inverse Universe

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



ECDDE7



FFEBF8



ECDDE0



756A71



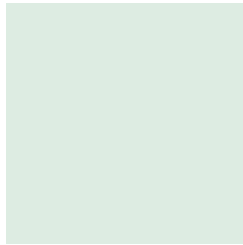
B50079



360024

Previews

White Background



This preview shows how the Hex color DDECE2 looks on a white background.

Color Contrast Check

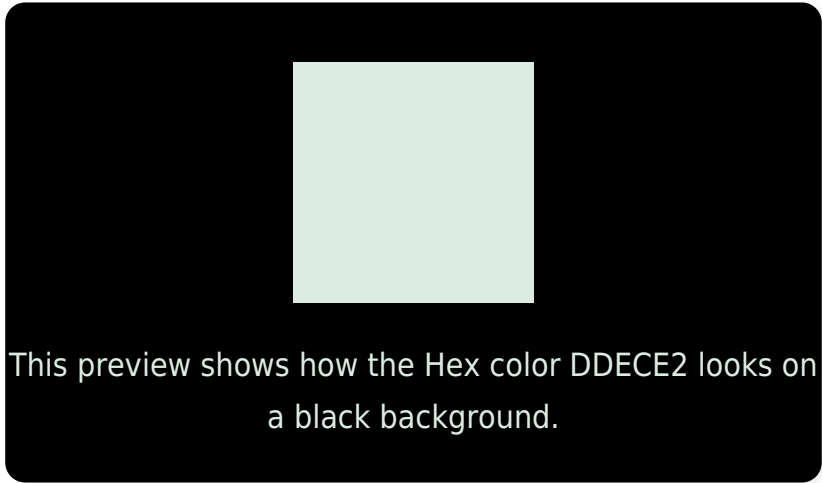
Large Text (above 18pt) WCAG AA × Fail

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

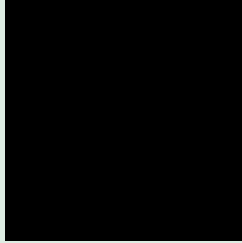
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

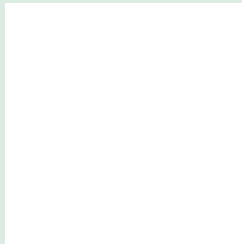
Any Text WCAG AAA ✓ Pass

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

Hex DDECE2 Background



This preview shows how black text looks on a background with the Hex color DDECE2.

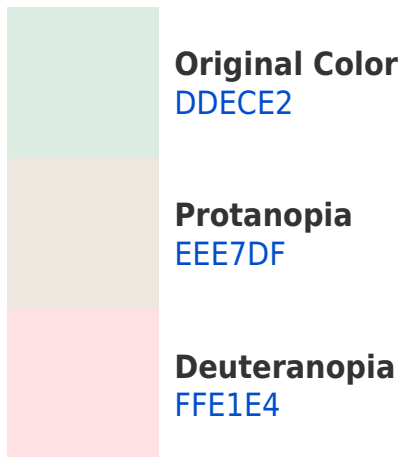


This preview shows how white text looks on a background with the Hex color DDECE2.

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](#).

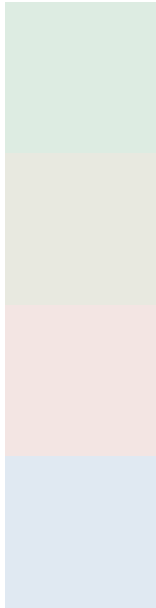
Dichromacy





Tritanopia
E1E8FB

Trichromacy



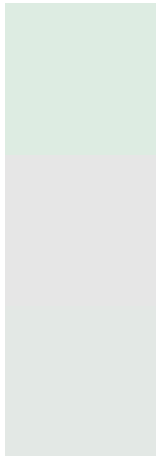
Original Color
DDECE2

Protanomaly
E8E9E0

Deuteranomaly
F3E5E3

Tritanomaly
E0E9F2

Monochromacy



Original Color
DDECE2

Achromatopsia
E6E6E6

Achromatomaly
E3E8E5

CSS Examples

Text

The CSS property to change the color of the text to Hex DDECE2 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 #DDECE2 looks like.

```
.text, #text, p{  
    color:#DDECE2  
}
```

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 #DDECE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDECE2
}
```

Border

The CSS property to change the border of an element to Hex DDECE2 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
#DDECE2 }
```

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

```
.border{ border-color:#DDECE2 }
```

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

Here you see how a box with a 4 pixel #DDECE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDECE2; -webkit-box-shadow:4px 4px  
4px 4px #DDECE2; box-shadow:4px 4px 4px  
4px #DDECE2 }
```

Background

The CSS property to change the background color of an element to Hex DDECE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDECE2 }
```

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

```
.background{ background-color:#DDECE2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor