

Converting Colors

Hex(DDE84A)

Have a look what the booklet for
Hex(DDE84A) contains.

Hex(DDE84A)	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(DDE84A)

Conversions

Conversions Part 1

Format	Color
Hex	DDE84A
RGB	221, 232, 74
RGB Percent	87%, 91%, 29%
CMY	0.1333, 0.0902, 0.7098
CMYK	0.05, 0.00, 0.68, 0.09
HSL	64°, 77%, 60%
HSV	64°, 68%, 91%
XYZ	59.9114, 73.5798, 17.5232
YIQ	210.6990, 44.1620, -51.4700

Conversions

Conversions Part 2

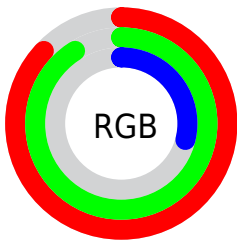
Format	Color
RYB	74, 232, 85
Decimal	14542922
CIELab	88.72, -22.69, 71.77
CIELCh	89, 75.270, 107.543
Yxy	73.5798, 0.3967, 0.4872
Android (android.graphics.Color)	4292733002 (0xFFDDE84A)
YUV	210.6990, -67.3926, 9.0340
Hunter-Lab	85.7787, -25.4407, 47.9331

Details

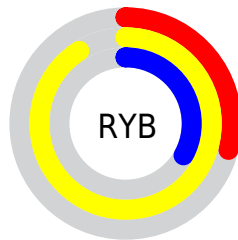
The Hex color **DDE84A** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **554AE8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF83**, and **A2B100** is the 20% darker color. If you saturate the color by 10%, you get **DBE833**, and if you desaturate by 10%, it is **DFE861**.

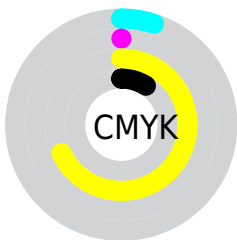
Distribution



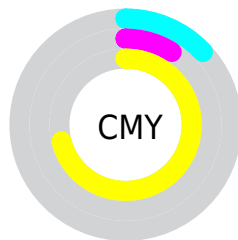
- Red (87%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE84A 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 DDE84A by changing the saturation by 10% instead.

 DDE84A

 DDE84A

FFFFFF

 BFCC2A

 FFFF83

 A2B100

 FFFF9F

 869600

 FFFFBC

 6A7C00

 FFFFD9

 4F6300

 FFFFF7

 334B00

 183500

 002000

 000000

 DDE84A

 DDE84A

 DBE833

 DFE861

 DAE81C

 E0E878

 D8E804

 E2E890

 D8E800

 E3E8A7

 E5E8BE

 E7E8D5

 E8E8EC

 EAE8FF

 ECE8FF

Harmonies

Analogous

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



FFD04B



DDE84A



89F879

Triad

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



DDE84A



00DFFF



FFA1FF

Complementary

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



DDE84A



554AE8

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.



FFBAFF



DDE84A



00EFFF

Square

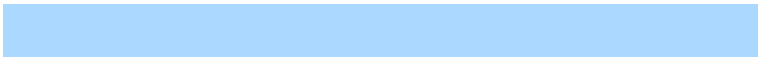
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDE84A



00FFFF



AAD8FF



FF9FB8

Rectangle

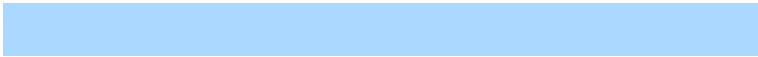
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDE84A



0BFEA5



AAD8FF



FFA8FF

Sweetspot

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



DDE84A



FBFFCC



E8554A



7D8061



000000



808080

Same Dimension

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



DDE84A



F0FF2E



8EE84A



727367



A6B300



2F3300

Inverse Universe

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



554AE8



3C2EFF



A44AE8



686773



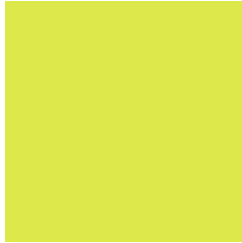
0C00B3



040033

Previews

White Background



This preview shows how the Hex color DDE84A looks on a white background.

Color Contrast Check

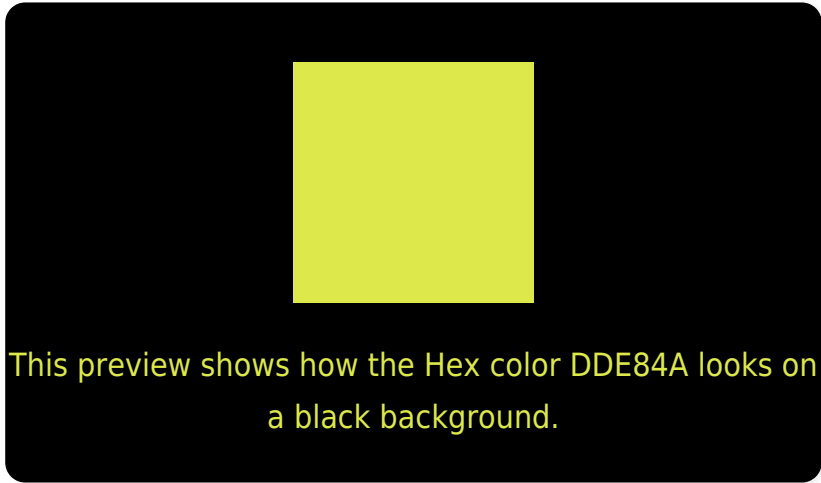
Large Text (above 18pt) WCAG AA × Fail

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 DDE84A Background



This preview shows how black text looks on a background with the Hex color DDE84A.

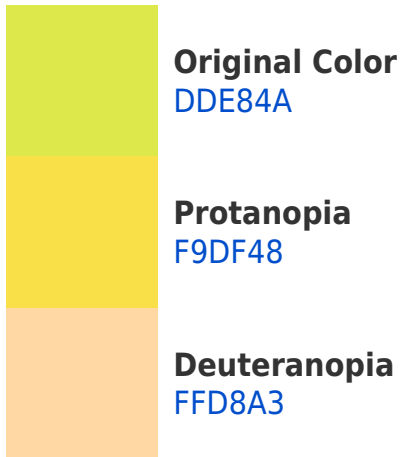


This preview shows how white text looks on a background with the Hex color DDE84A.

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](#).

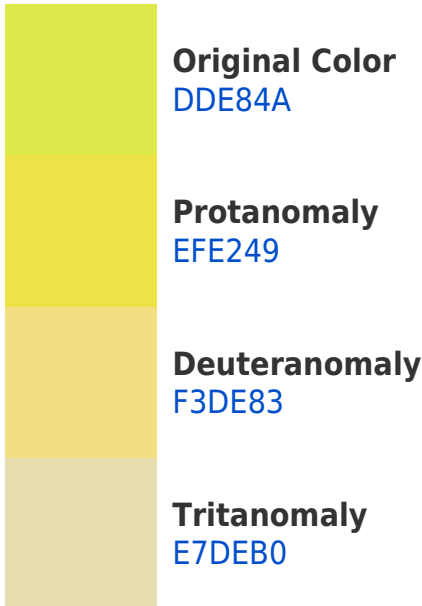
Dichromacy





Tritanopia
ECD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDE84A 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 #DDE84A looks like.

```
.text, #text, p{  
    color:#DDE84A  
}
```

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 #DDE84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE84A
}
```

Border

The CSS property to change the border of an element to Hex DDE84A 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
#DDE84A }
```

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

```
.border{ border-color:#DDE84A }
```

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

Here you see how a box with a 4 pixel #DDE84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE84A; -webkit-box-shadow:4px 4px  
4px 4px #DDE84A; box-shadow:4px 4px 4px  
4px #DDE84A }
```

Background

The CSS property to change the background color of an element to Hex DDE84A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE84A }
```

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

```
.background{ background-color:#DDE84A }
```

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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