

Converting Colors

Hex(DDE151)

Have a look what the booklet for
Hex(DDE151) contains.

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Color

Hex(DDE151)

Conversions

Conversions Part 1

Format	Color
Hex	DDE151
RGB	221, 225, 81
RGB Percent	87%, 88%, 32%
CMY	0.1333, 0.1176, 0.6824
CMYK	0.02, 0.00, 0.64, 0.12
HSL	62°, 71%, 60%
HSV	62°, 64%, 88%
XYZ	58.2292, 69.8167, 18.1915
YIQ	207.3880, 43.8400, -45.6320

Conversions

Conversions Part 2

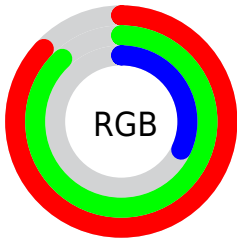
Format	Color
R_{YB}	81, 225, 85
Decimal	14541137
CIE Lab	86.91, -18.91, 67.27
CIE LCh	87, 69.878, 105.699
Yxy	69.8167, 0.3982, 0.4774
Android (android.graphics.Color)	4292731217 (0xFFDDE151)
YUV	207.3880, -62.3093, 11.9377
Hunter-Lab	83.5564, -21.8296, 45.5811

Details

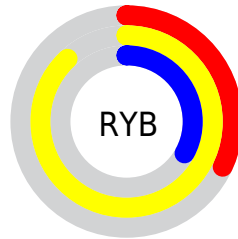
The Hex color **DDE151** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5551E1**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF89**, and **A3AA0E** is the 20% darker color. If you saturate the color by 10%, you get **DCE13B**, and if you desaturate by 10%, it is **DEE167**.

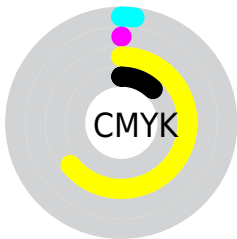
Distribution



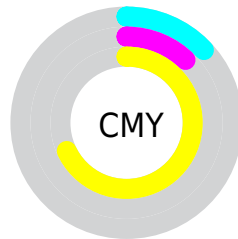
- Red (87%)
- Green (88%)
- Blue (32%)



- Red (32%)
- Yellow (88%)
- Blue (33%)



- Cyan (2%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE151 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 DDE151 by changing the saturation by 10% instead.

 DDE151

 DDE151

FFFFFF

 C0C534

 FFFF89

 A3AA0E

 FFFFA5

 869000

 FFFFC1

 6A7600

 FFFFDE

 505D00

 FFFFFC

 354600

 1B3000

 001C00

 000000

 DDE151

 DDE151

 DCE13B

 DEE167

 DCE124

 DEE17E

 DBE10E

 DFE194

 DBE100

 E0E1AB

 E0E1C2

 E1E1D8

 E1E1EF

 E2E1FF

 E3E1FF

Harmonies

Analogous

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



FFCB54



DDE151



91F078

Triad

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



DDE151



00F6FF



FFA3FC

Complementary

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



DDE151



5551E1

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



DDE151



00EAFF

Square

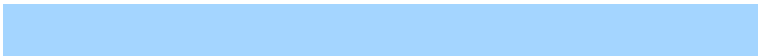
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDE151



00FAFB



A4D5FF



FFA0B9

Rectangle

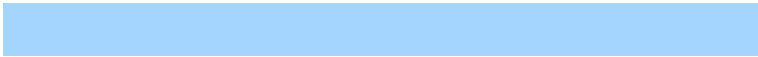
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDE151



42F6A0



A4D5FF



FFA9FF

Sweetspot

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



DDE151



FEFFCF



E15351



7F8062



000000



808080

Same Dimension

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



DDE151



FAFF3B



97E151



707065



ABB000



2F3000

Inverse Universe

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



5551E1



403BFF



9B51E1



656570



0500B0



010030

Previews

White Background



This preview shows how the Hex color DDE151 looks on a white background.

Color Contrast Check

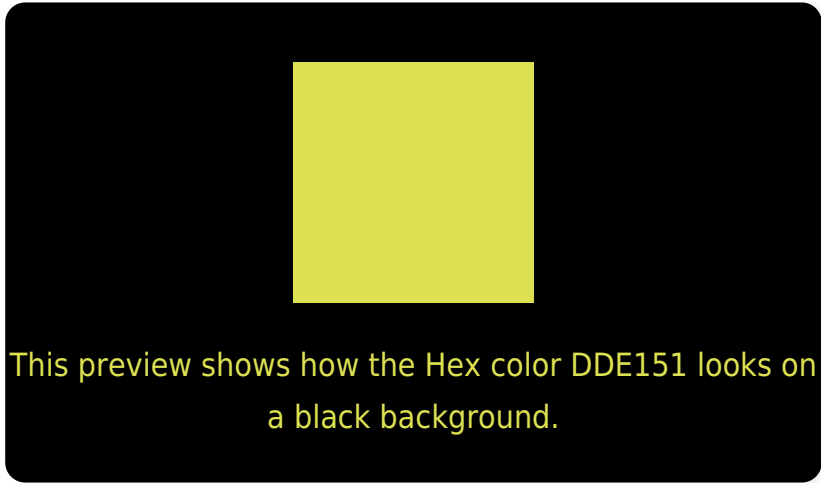
Large Text (above 18pt) WCAG AA × Fail

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 DDE151 Background



This preview shows how black text looks on a background with the Hex color DDE151.

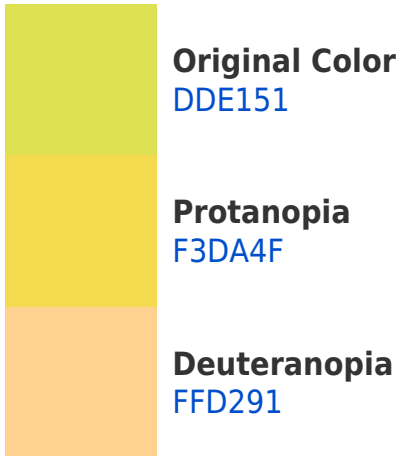


This preview shows how white text looks on a background with the Hex color DDE151.

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](#).

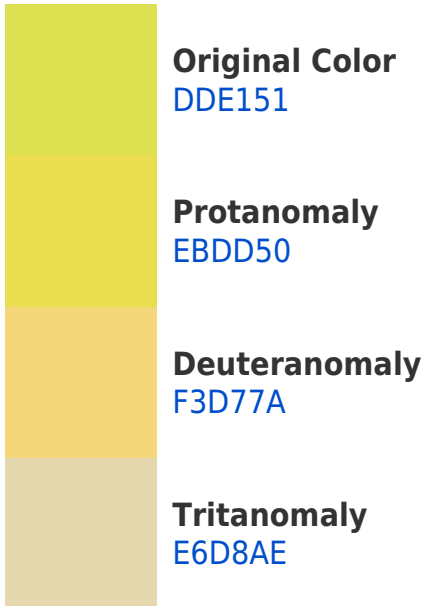
Dichromacy



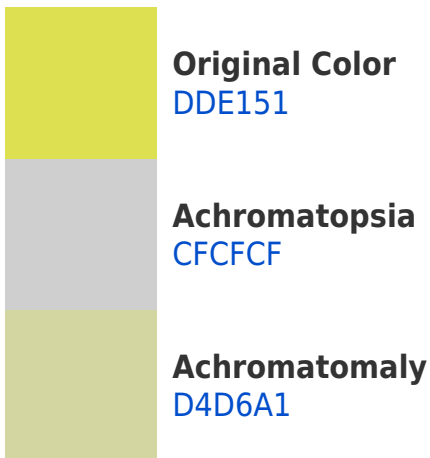


Tritanopia
EBD3E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDE151 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 #DDE151 looks like.

```
.text, #text, p{  
    color:#DDE151  
}
```

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 #DDE151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE151
}
```

Border

The CSS property to change the border of an element to Hex DDE151 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
#DDE151 }
```

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

```
.border{ border-color:#DDE151 }
```

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

Here you see how a box with a 4 pixel #DDE151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE151; -webkit-box-shadow:4px 4px  
4px 4px #DDE151; box-shadow:4px 4px 4px  
4px #DDE151 }
```

Background

The CSS property to change the background color of an element to Hex DDE151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE151 }
```

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

```
.background{ background-color:#DDE151 }
```

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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