

Converting Colors

Hex(DDE376)

Have a look what the booklet for
Hex(DDE376) contains.

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Color

Hex(DDE376)

Conversions

Conversions Part 1

Format	Color
Hex	DDE376
RGB	221, 227, 118
RGB Percent	87%, 89%, 46%
CMY	0.1333, 0.1098, 0.5373
CMYK	0.03, 0.00, 0.48, 0.11
HSL	63°, 66%, 68%
HSV	63°, 48%, 89%
XYZ	60.5579, 71.6183, 27.7715
YIQ	212.7800, 31.4130, -35.1710

Conversions

Conversions Part 2

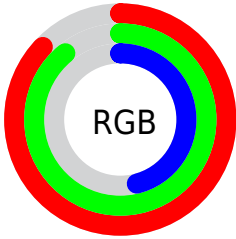
Format	Color
RYB	118, 227, 124
Decimal	14541686
CIELab	87.78, -17.10, 52.10
CIELCh	88, 54.838, 108.174
Yxy	71.6183, 0.3786, 0.4478
Android (android.graphics.Color)	4292731766 (0xFFDDE376)
YUV	212.7800, -46.7265, 7.2089
Hunter-Lab	84.6276, -20.3672, 39.7826

Details

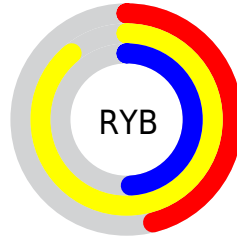
The Hex color **DDE376** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7C76E3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFAC**, and **A4AC42** is the 20% darker color. If you saturate the color by 10%, you get **DCE35F**, and if you desaturate by 10%, it is **DEE38D**.

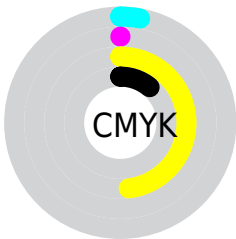
Distribution



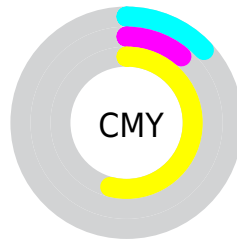
- Red (87%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE376 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 DDE376 by changing the saturation by 10% instead.

 DDE376

 DDE376

FFFFFF

 C0C75C

 FFFFAC

 A4AC42

 FFFFC8

 889127

 FFFF E5

 6D7804

 535F00

 3A4700

 203100

 001D00

 000000

 DDE376

 DDE376

 DCE35F

 DEE38D

 DBE349

 DFE3A3

 D9E332

 E1E3BA

 D8E31B

 E2E3D1

 D7E305

 E3E3E8

 D7E300

 E4E3FE

 E6E3FF

 E7E3FF

 E8E3FF

Harmonies

Analogous

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



FFD275



DDE376



A1EF94

Triad

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



DDE376



00F3FF



FFB4F3

Complementary

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



DDE376



7C76E3

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.



FFC3FF



DDE376



54E8FF

Square

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



DDE376



00F7FB



C1D6FF



FFB3BE

Rectangle

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



DDE376



71F4B4



C1D6FF



FFB8FF

Sweetspot

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



DDE376



FDFFD8



E37732



7E8039



000000



808080

Same Dimension

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



DDE376



F7FF6B



A7E376



727367



A9B300



303300

Inverse Universe

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



7C76E3



736BFF



B276E3



686773



0A00B3



030033

Previews

White Background



This preview shows how the Hex color DDE376 looks on a white background.

Color Contrast Check

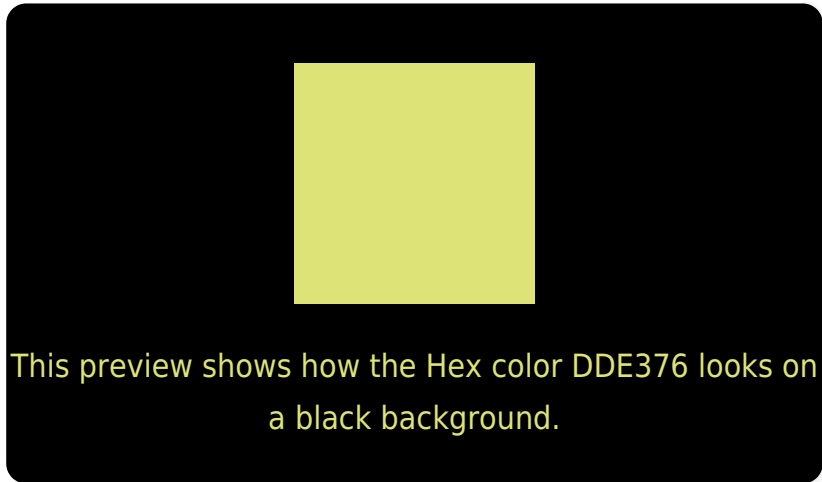
Large Text (above 18pt) WCAG AA × Fail

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

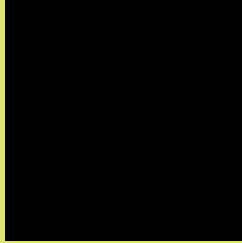
Any Text WCAG AA ✓ Pass

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 DDE376 Background



This preview shows how black text looks on a background with the Hex color DDE376.

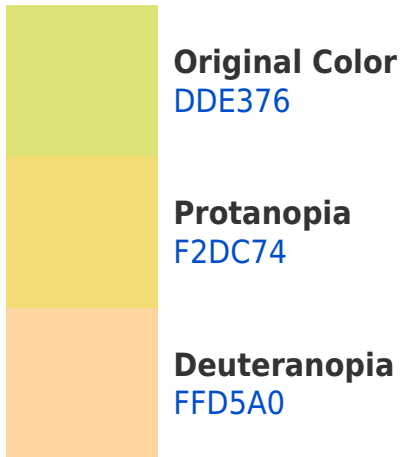


This preview shows how white text looks on a background with the Hex color DDE376.

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](#).

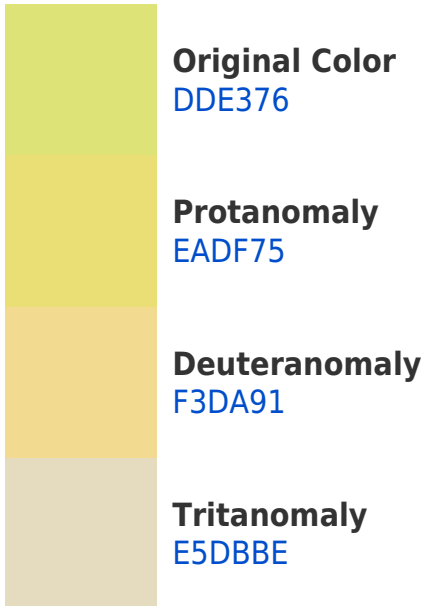
Dichromacy



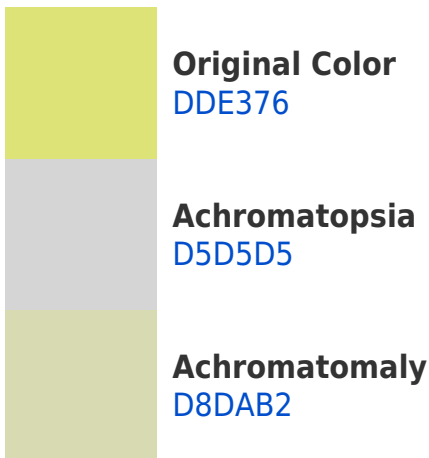


Tritanopia
E9D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDE376 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 #DDE376 looks like.

```
.text, #text, p{  
    color:#DDE376  
}
```

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 #DDE376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE376
}
```

Border

The CSS property to change the border of an element to Hex DDE376 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
#DDE376 }
```

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

```
.border{ border-color:#DDE376 }
```

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

Here you see how a box with a 4 pixel #DDE376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE376; -webkit-box-shadow:4px 4px  
4px 4px #DDE376; box-shadow:4px 4px 4px  
4px #DDE376 }
```

Background

The CSS property to change the background color of an element to Hex DDE376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE376 }
```

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

```
.background{ background-color:#DDE376 }
```

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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