

Converting Colors

Hex(D6E249)

Have a look what the booklet for
Hex(D6E249) contains.

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Color

Hex(D6E249)

Conversions

Conversions Part 1

Format	Color
Hex	D6E249
RGB	214, 226, 73
RGB Percent	84%, 89%, 29%
CMY	0.1608, 0.1137, 0.7137
CMYK	0.05, 0.00, 0.68, 0.11
HSL	65°, 73%, 59%
HSV	65°, 68%, 89%
XYZ	56.1305, 69.1699, 16.6961
YIQ	204.9700, 41.9610, -50.1270

Conversions

Conversions Part 2

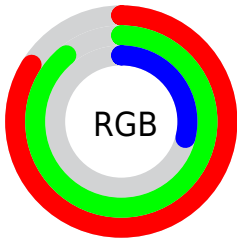
Format	Color
RYB	73, 226, 85
Decimal	14082633
CIELab	86.59, -22.70, 69.83
CIElCh	87, 73.424, 108.007
Yxy	69.1699, 0.3953, 0.4871
Android (android.graphics.Color)	4292272713 (0xFFD6E249)
YUV	204.9700, -65.0612, 7.9193
Hunter-Lab	83.1684, -25.0748, 46.3154

Details

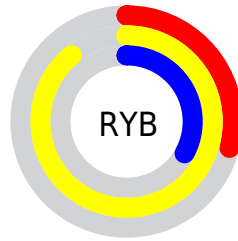
The Hex color **D6E249** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5549E2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF82**, and **9CAB00** is the 20% darker color. If you saturate the color by 10%, you get **D4E232**, and if you desaturate by 10%, it is **D8E260**.

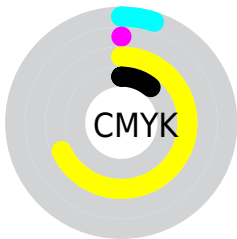
Distribution



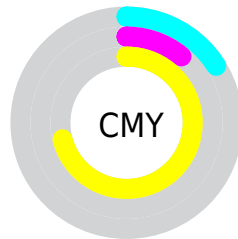
- Red (84%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (68%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6E249 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 D6E249 by changing the saturation by 10% instead.

 D6E249

FFFFFF

 FFFF82

 FFFF9E

 FFFFBA

 FFFFFD7

 FFFFF5

 D6E249

 B9C62A

 9CAB00

 7F9000

 647700

 495E00

 2D4700

 123000

 001D00

 000000

 D6E249

 D6E249

 D4E232

 D8E260

 D2E21C

 DAE276

 D1E205

 DBE28D

 D0E200

 DDE2A3

 DFE2BA

 E1E2D1

 E2E2E7

 E4E2FE

 E6E2FF

Harmonies

Analogous

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



FFCB49



D6E249



84F177

Triad

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



D6E249



00F6FF



FF9DF8

Complementary

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



D6E249



5549E2

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.



FFB5FF



D6E249



00E9FF

Square

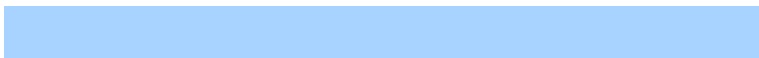
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6E249



00FBFF



A8D2FF



FF9BB2

Rectangle

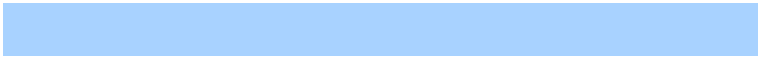
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6E249



02F7A2



A8D2FF



FFA3FF

Sweetspot

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



D6E249



FBFFCC



E25349



7D8061



000000



808080

Same Dimension

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



D6E249



FFFF30



8BE249



6F7065



A2B000



2D3000

Inverse Universe

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



5549E2



4130FF



A049E2



666570



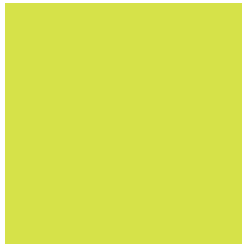
0E00B0



040030

Previews

White Background



This preview shows how the Hex color D6E249 looks on a white background.

Color Contrast Check

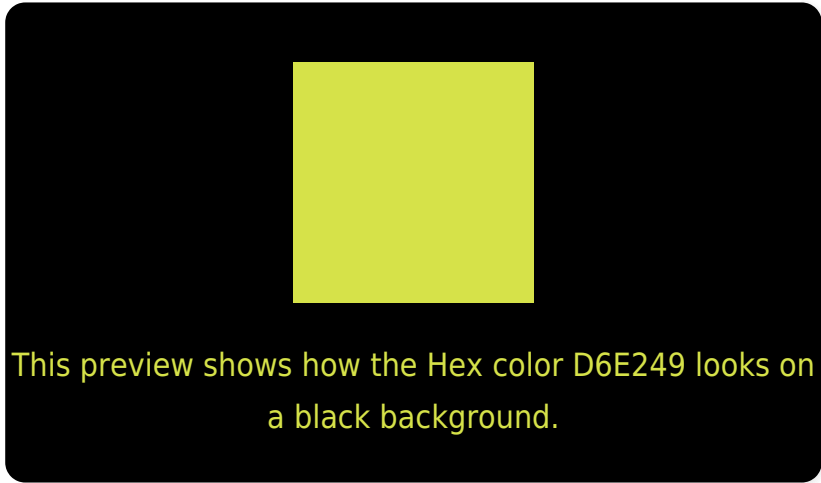
Large Text (above 18pt) WCAG AA × Fail

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 D6E249 Background



This preview shows how black text looks on a background with the Hex color D6E249.

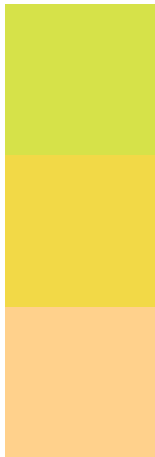


This preview shows how white text looks on a background with the Hex color D6E249.

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



Original Color
D6E249

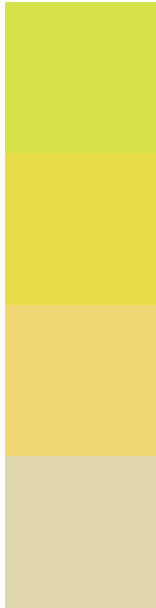
Protanopia
F2D947

Deuteranopia
FFD18C



Tritanopia
E5D3E4

Trichromacy



Original Color
D6E249

Protanomaly
E8DC48

Deuteranomaly
F0D774

Tritanomaly
E0D8AC

Monochromacy



Original Color
D6E249

Achromatopsia
CDCDCD

Achromatomaly
D0D59D

CSS Examples

Text

The CSS property to change the color of the text to Hex D6E249 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 #D6E249 looks like.

```
.text, #text, p{  
    color:#D6E249  
}
```

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 #D6E249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E249
}
```

Border

The CSS property to change the border of an element to Hex D6E249 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
#D6E249 }
```

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

```
.border{ border-color:#D6E249 }
```

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

Here you see how a box with a 4 pixel #D6E249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E249; -webkit-box-shadow:4px 4px  
4px 4px #D6E249; box-shadow:4px 4px 4px  
4px #D6E249 }
```

Background

The CSS property to change the background color of an element to Hex D6E249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E249 }
```

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

```
.background{ background-color:#D6E249 }
```

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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