

Converting Colors

Hex(D6DE6A)

Have a look what the booklet for
Hex(D6DE6A) contains.

Hex(D6DE6A)	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(D6DE6A)

Conversions

Conversions Part 1

Format	Color
Hex	D6DE6A
RGB	214, 222, 106
RGB Percent	84%, 87%, 42%
CMY	0.1608, 0.1294, 0.5843
CMYK	0.04, 0.00, 0.52, 0.13
HSL	64°, 64%, 64%
HSV	64°, 52%, 87%
XYZ	56.4544, 67.5793, 23.7043
YIQ	206.3840, 32.4680, -37.7720

Conversions

Conversions Part 2

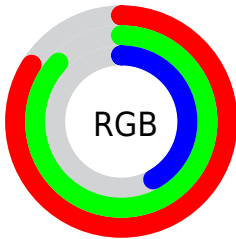
Format	Color
RYB	106, 222, 114
Decimal	14081642
CIELab	85.80, -18.48, 55.19
CIELCh	86, 58.206, 108.509
Yxy	67.5793, 0.3821, 0.4574
Android (android.graphics.Color)	4292271722 (0xFFD6DE6A)
YUV	206.3840, -49.4893, 6.6792
Hunter-Lab	82.2066, -21.2790, 40.4483

Details

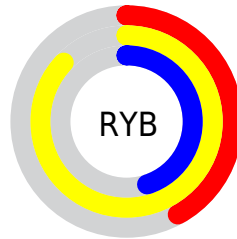
The Hex color **D6DE6A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **726ADE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFA0**, and **9DA735** is the 20% darker color. If you saturate the color by 10%, you get **D4DE54**, and if you desaturate by 10%, it is **D8DE80**.

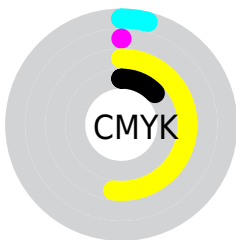
Distribution



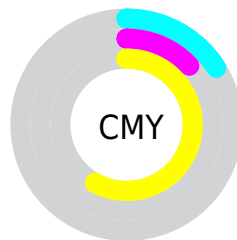
- Red (84%)
- Green (87%)
- Blue (42%)



- Red (42%)
- Yellow (87%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (52%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6DE6A 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 D6DE6A by changing the saturation by 10% instead.

 D6DE6A

FFFFFF

 FFFFA0

 FFFFBC

 FFFFD9

 FFFFF6

 D6DE6A

 B9C24F

 9DA735

 818D17

 667300

 4C5B00

 324300

 182D00

 001A00

 000000

 D6DE6A

 D6DE6A

 D4DE54

 D8DE80

 D3DE3E

 D9DE96

 D1DE27

 DBDEAD

 D0DE11

 DCDEC3

 CFDE00

 DEDED9

 DFDEEF

 E1DEFF

 E2DEFF

 E4DEFF

Harmonies

Analogous

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



FFCC69



D6DE6A



97EB8B

Triad

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



D6DE6A



00EEFF



FFABEE

Complementary

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



D6DE6A



726ADE

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.



FFBBFF



D6DE6A



2FE3FF

Square

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



D6DE6A



00F3F8



B9D0FF



FFAAB6

Rectangle

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



D6DE6A



5FF0AC



B9D0FF



FFAFFF

Sweetspot

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



D6DE6A



FCFFD6



DE726A



7E8067



000000



808080

Same Dimension

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



D6DE6A



F4FF5E



9CDE6A



6F7065



A4B000



2D3000

Inverse Universe

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



726ADE



695EFF



AC6ADE



666570



0C00B0



030030

Previews

White Background



This preview shows how the Hex color D6DE6A looks on a white background.

Color Contrast Check

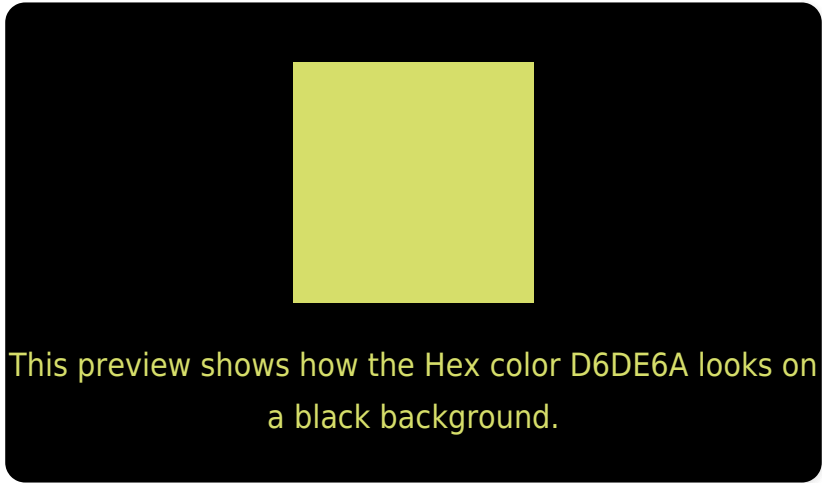
Large Text (above 18pt) WCAG AA × Fail

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 D6DE6A Background



This preview shows how black text looks on a background with the Hex color D6DE6A.

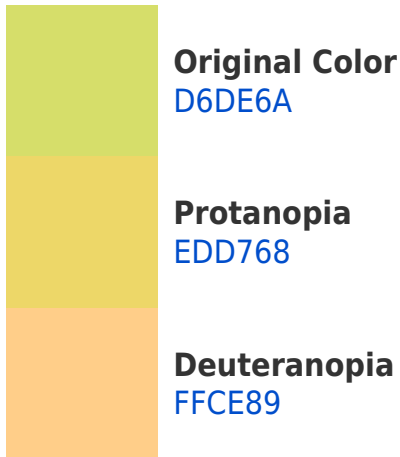


This preview shows how white text looks on a background with the Hex color D6DE6A.

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](#).

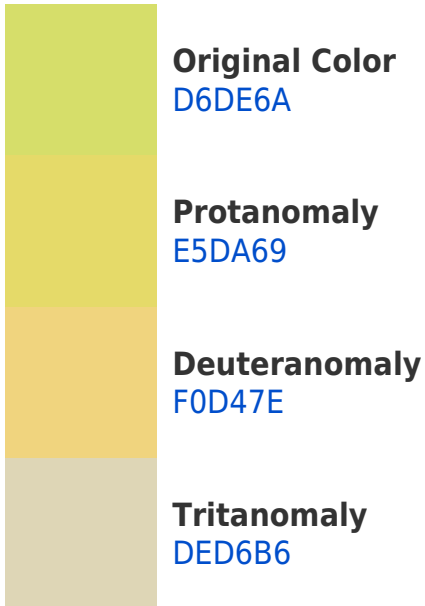
Dichromacy



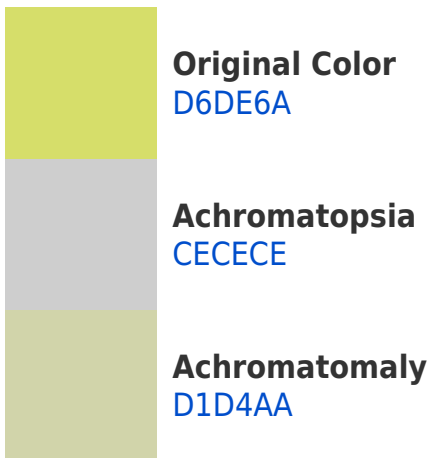


Tritanopia
E3D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6DE6A 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 #D6DE6A looks like.

```
.text, #text, p{  
    color:#D6DE6A  
}
```

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 #D6DE6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6DE6A
}
```

Border

The CSS property to change the border of an element to Hex D6DE6A 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
#D6DE6A }
```

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

```
.border{ border-color:#D6DE6A }
```

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

Here you see how a box with a 4 pixel #D6DE6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6DE6A; -webkit-box-shadow:4px 4px  
4px 4px #D6DE6A; box-shadow:4px 4px 4px  
4px #D6DE6A }
```

Background

The CSS property to change the background color of an element to Hex D6DE6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6DE6A }
```

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

```
.background{ background-color:#D6DE6A }
```

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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