

Converting Colors

Hex(D7E563)

Have a look what the booklet for
Hex(D7E563) contains.

Hex(D7E563)	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(D7E563)

Conversions

Conversions Part 1

Format	Color
Hex	D7E563
RGB	215, 229, 99
RGB Percent	84%, 90%, 39%
CMY	0.1569, 0.1020, 0.6118
CMYK	0.06, 0.00, 0.57, 0.10
HSL	66°, 71%, 64%
HSV	66°, 57%, 90%
XYZ	58.2958, 71.3865, 22.5108
YIQ	209.9940, 33.3860, -43.3980

Conversions

Conversions Part 2

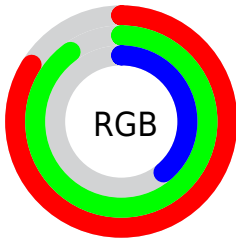
Format	Color
RYB	99, 229, 113
Decimal	14148963
CIELab	87.67, -22.05, 60.48
CIELCh	88, 64.377, 110.026
Yxy	71.3865, 0.3830, 0.4691
Android (android.graphics.Color)	4292339043 (0xFFD7E563)
YUV	209.9940, -54.7200, 4.3903
Hunter-Lab	84.4906, -24.6992, 43.3467

Details

The Hex color **D7E563** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **7163E5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF9A**, and **9EAE2B** is the 20% darker color. If you saturate the color by 10%, you get **D5E54C**, and if you desaturate by 10%, it is **D9E57A**.

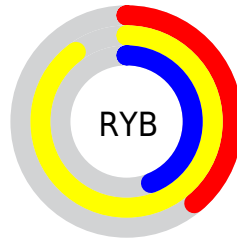
Distribution



Red (84%)

Green (90%)

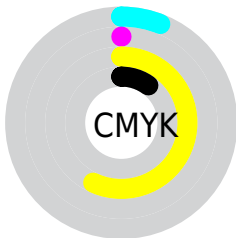
Blue (39%)



Red (39%)

Yellow (90%)

Blue (44%)

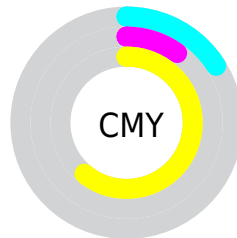


Cyan (6%)

Magenta (0%)

Yellow (57%)

Black (10%)



Cyan (16%)

Magenta (10%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7E563 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 D7E563 by changing the saturation by 10% instead.

 D7E563

FFFFFF

 FFFF9A

 FFFF86

 FFFF72

 FFFF58

 D7E563

 BAC948

 9EAE2B

 829303

 667900

 4C6100

 314900

 173200

 001E00

 000000

 D7E563

 D7E563

 D5E54C

 D9E57A

 D2E535

 DCE591

 D0E51E

 DEE5A8

 CDE507

 E1E5BF

 CCE500

 E3E5D6

 E6E5EC

 E8E5FF

 EBE5FF

 EDE5FF

Harmonies

Analogous

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



FFD160



D7E563



8FF28A

Triad

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



D7E563



00F5FF



FFA9F3

Complementary

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



D7E563



7163E5

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



D7E563



00E8FF

Square

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



D7E563



00FAFF



BED4FF



FFA9B5

Rectangle

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



D7E563



47F8B0



BED4FF



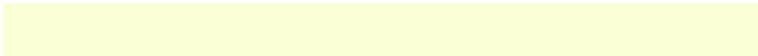
FFAEFF

Sweetspot

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



D7E563



FAFFD4



E57063



7D8066



000000



808080

Same Dimension

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



D7E563



ECFF52



97E563



727367



9FB300



2E3300

Inverse Universe

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



7163E5



6452FF



B163E5



696773



1300B3



050033

Previews

White Background



This preview shows how the Hex color D7E563 looks on a white background.

Color Contrast Check

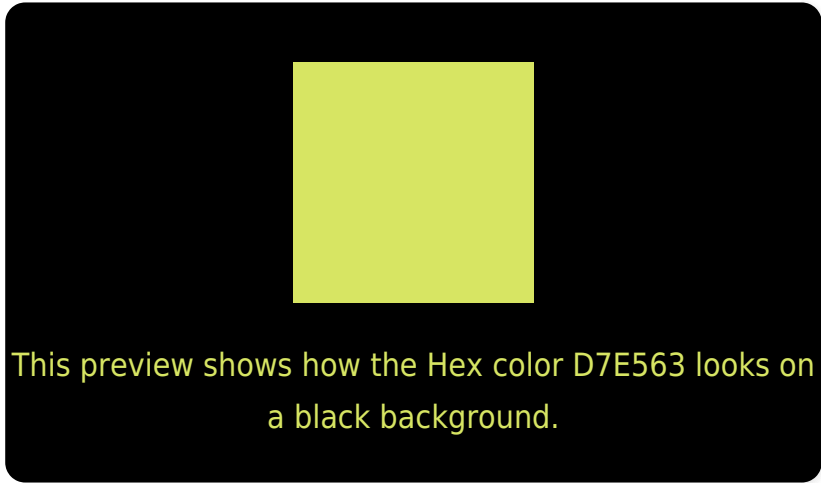
Large Text (above 18pt) WCAG AA × Fail

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 D7E563 Background



This preview shows how black text looks on a background with the Hex color D7E563.

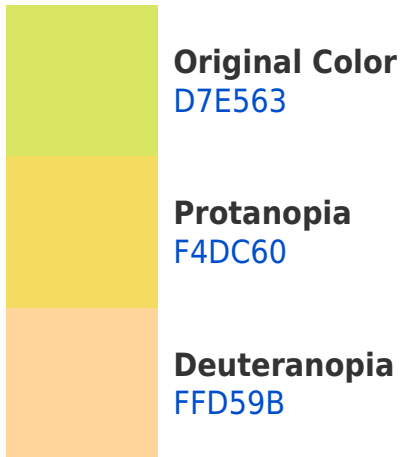


This preview shows how white text looks on a background with the Hex color D7E563.

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](#).

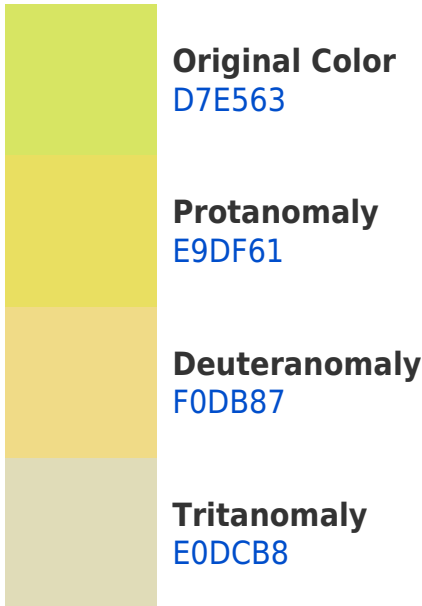
Dichromacy



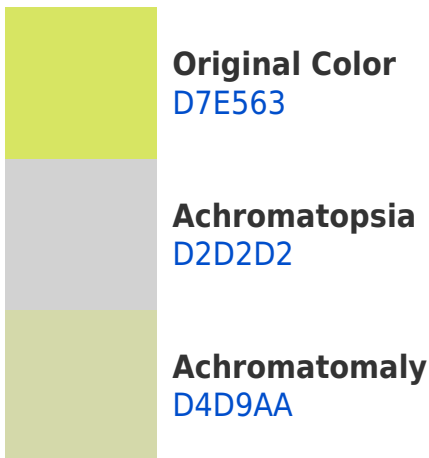


Tritanopia
E5D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7E563 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 #D7E563 looks like.

```
.text, #text, p{  
    color:#D7E563  
}
```

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 #D7E563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E563
}
```

Border

The CSS property to change the border of an element to Hex D7E563 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
#D7E563 }
```

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

```
.border{ border-color:#D7E563 }
```

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

Here you see how a box with a 4 pixel #D7E563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E563; -webkit-box-shadow:4px 4px  
4px 4px #D7E563; box-shadow:4px 4px 4px  
4px #D7E563 }
```

Background

The CSS property to change the background color of an element to Hex D7E563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E563 }
```

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

```
.background{ background-color:#D7E563 }
```

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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