

Converting Colors

Hex(D7E558)

Have a look what the booklet for
Hex(D7E558) contains.

Hex(D7E558)	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(D7E558)

Conversions

Conversions Part 1

Format	Color
Hex	D7E558
RGB	215, 229, 88
RGB Percent	84%, 90%, 35%
CMY	0.1569, 0.1020, 0.6549
CMYK	0.06, 0.00, 0.62, 0.10
HSL	66°, 73%, 62%
HSV	66°, 62%, 90%
XYZ	57.8051, 71.1903, 19.9270
YIQ	208.7400, 36.9170, -46.8190

Conversions

Conversions Part 2

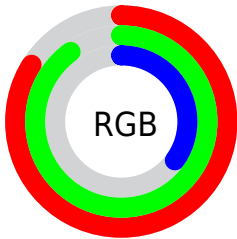
Format	Color
R_{YB}	88, 229, 102
Decimal	14148952
CIE Lab	87.58, -22.83, 65.03
CIE LCh	88, 68.922, 109.346
Yxy	71.1903, 0.3882, 0.4780
Android (android.graphics.Color)	4292339032 (0xFFD7E558)
YUV	208.7400, -59.5248, 5.4900
Hunter-Lab	84.3743, -25.3642, 45.0593

Details

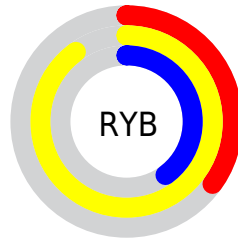
The Hex color **D7E558** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6658E5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF8F**, and **9DAE1B** is the 20% darker color. If you saturate the color by 10%, you get **D5E541**, and if you desaturate by 10%, it is **D9E56F**.

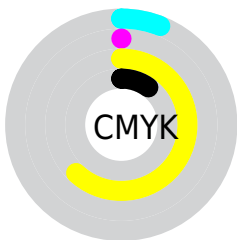
Distribution



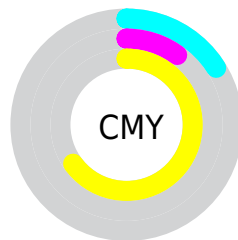
- Red (84%)
- Green (90%)
- Blue (35%)



- Red (35%)
- Yellow (90%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (62%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7E558 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 D7E558 by changing the saturation by 10% instead.

 D7E558

FFFFFF

 FFFF8F

 FFFFAB

 FFFFC8

 FFFFE5

 D7E558

 BAC93C

 9DAE1B

 819300

 667900

 4B6100

 304900

 153200

 001F00

 000000

 D7E558

 D7E558

 D5E541

 D9E56F

 D2E52A

 DCE586

 D0E513

 DEE59D

 CEE500

 E0E5B4

 E2E5CB

 E5E5E1

 E7E5F8

 E9E5FF

 EBE5FF

Harmonies

Analogous

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



FFD055



D7E558



8AF382

Triad

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



D7E558



00F7FF



FFA4F6

Complementary

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



D7E558



6658E5

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.



FFB9FF



D7E558



00E9FF

Square

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



D7E558



00FCFF



B7D4FF



FFA4B4

Rectangle

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



D7E558



30F9AB



B7D4FF



FFAAFF

Sweetspot

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



D7E558



FAFFD1



E56458



7D8063



000000



808080

Same Dimension

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



D7E558



ECFF42



93E558



727367



A1B300



2E3300

Inverse Universe

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



6658E5



5542FF



AA58E5



686773



1200B3



050033

Previews

White Background



This preview shows how the Hex color D7E558 looks on a white background.

Color Contrast Check

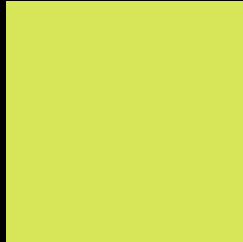
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D7E558 looks on a 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 D7E558 Background



This preview shows how black text looks on a background with the Hex color D7E558.



This preview shows how white text looks on a background with the Hex color D7E558.

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
D7E558

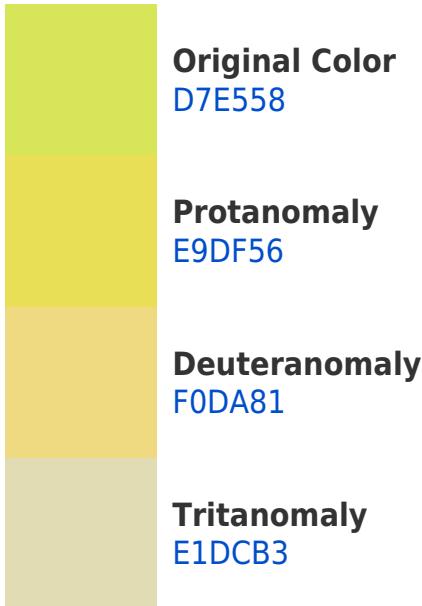
Protanopia
F4DC55

Deuteranopia
FFD498

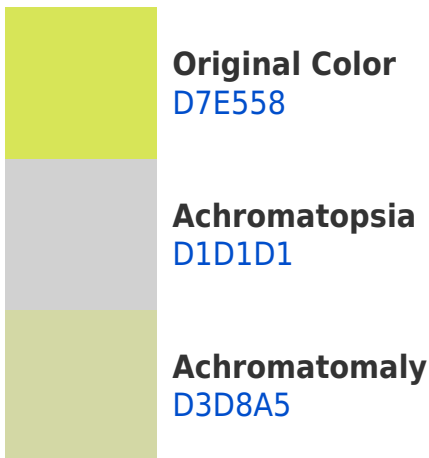


Tritanopia
E6D7E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7E558 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 #D7E558 looks like.

```
.text, #text, p{  
    color:#D7E558  
}
```

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 #D7E558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E558
}
```

Border

The CSS property to change the border of an element to Hex D7E558 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
#D7E558 }
```

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

```
.border{ border-color:#D7E558 }
```

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

Here you see how a box with a 4 pixel #D7E558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E558; -webkit-box-shadow:4px 4px  
4px 4px #D7E558; box-shadow:4px 4px 4px  
4px #D7E558 }
```

Background

The CSS property to change the background color of an element to Hex D7E558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E558 }
```

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

```
.background{ background-color:#D7E558 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor