

Converting Colors

Hex(D7E25A)

Have a look what the booklet for
Hex(D7E25A) contains.

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Color

Hex(D7E25A)

Conversions

Conversions Part 1

Format	Color
Hex	D7E25A
RGB	215, 226, 90
RGB Percent	84%, 89%, 35%
CMY	0.1569, 0.1137, 0.6471
CMYK	0.05, 0.00, 0.60, 0.11
HSL	65°, 70%, 62%
HSV	65°, 60%, 89%
XYZ	57.0662, 69.5780, 20.0950
YIQ	207.2070, 37.1000, -44.6280

Conversions

Conversions Part 2

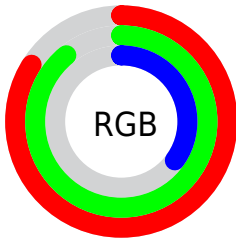
Format	Color
RYB	90, 226, 101
Decimal	14148186
CIELab	86.79, -21.25, 63.35
CIELCh	87, 66.822, 108.541
Yxy	69.5780, 0.3889, 0.4742
Android (android.graphics.Color)	4292338266 (0xFFD7E25A)
YUV	207.2070, -57.7831, 6.8345
Hunter-Lab	83.4134, -23.8551, 44.1059

Details

The Hex color **D7E25A** 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 **655AE2**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF91**, and **9DAB1F** is the 20% darker color. If you saturate the color by 10%, you get **D5E243**, and if you desaturate by 10%, it is **D9E271**.

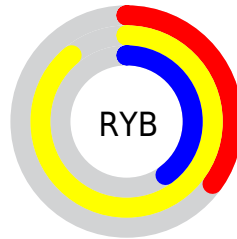
Distribution



Red (84%)

Green (89%)

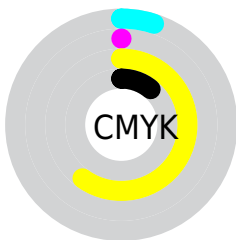
Blue (35%)



Red (35%)

Yellow (89%)

Blue (40%)

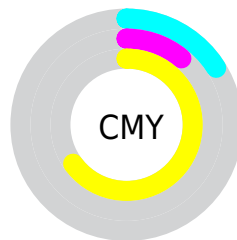


Cyan (5%)

Magenta (0%)

Yellow (60%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7E25A 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 D7E25A by changing the saturation by 10% instead.

 D7E25A

FFFFFF

 FFFF91

 FFFFAD

 FFFFCA

 FFFFE7

 D7E25A

 BAC63E

 9DAB1F

 819000

 667700

 4C5E00

 304700

 163000

 001D00

 000000

 D7E25A

 D7E25A

 D5E243

 D9E271

 D3E22D

 DBE287

 D2E216

 DCE29E

 D0E200

 DEE2B4

 E0E2CB

 E2E2E2

 E4E2F8

 E6E2FF

 E7E2FF

Harmonies

Analogous

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



FFCD59



D7E25A



8DF082

Triad

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



D7E25A



00F4FF



FFA5F4

Complementary

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



D7E25A



655AE2

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



D7E25A



00E7FF

Square

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



D7E25A



00F9FF



B3D2FF



FFA4B4

Rectangle

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



D7E25A



3FF6A9



B3D2FF



FFAAFF

Sweetspot

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



D7E25A



FBFFD1



E2635A



7D8063



000000



808080

Same Dimension

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



D7E25A



F0FF47



95E25A



6F7065



A2B000



2D3000

Inverse Universe

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



655AE2



5647FF



A75AE2



666570



0E00B0



040030

Previews

White Background



This preview shows how the Hex color D7E25A looks on a white background.

Color Contrast Check

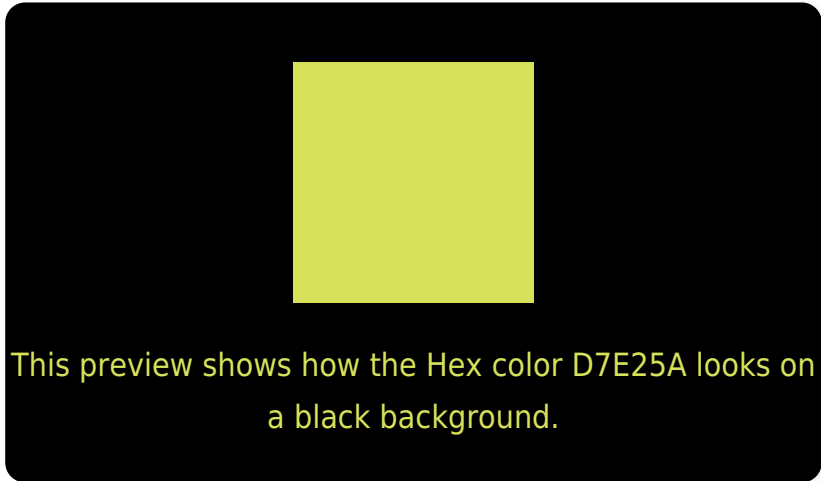
Large Text (above 18pt) WCAG AA × Fail

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 D7E25A Background



This preview shows how black text looks on a background with the Hex color D7E25A.

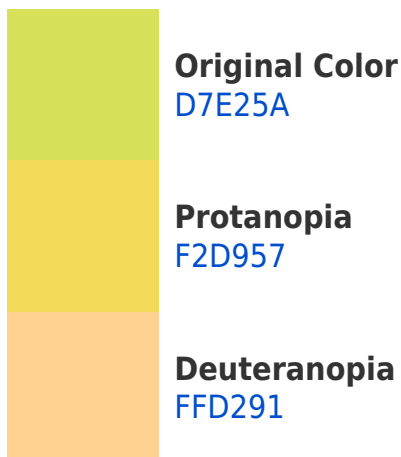


This preview shows how white text looks on a background with the Hex color D7E25A.

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](#).

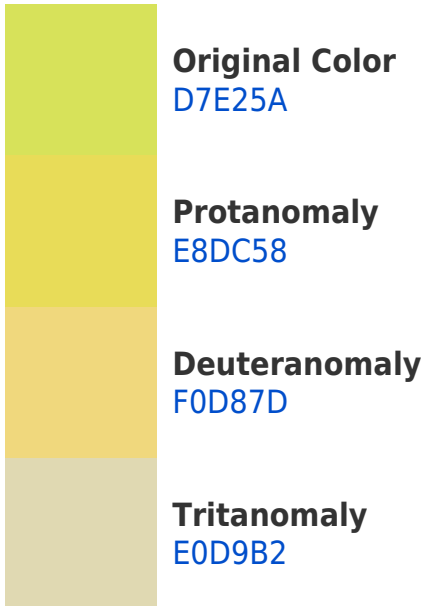
Dichromacy



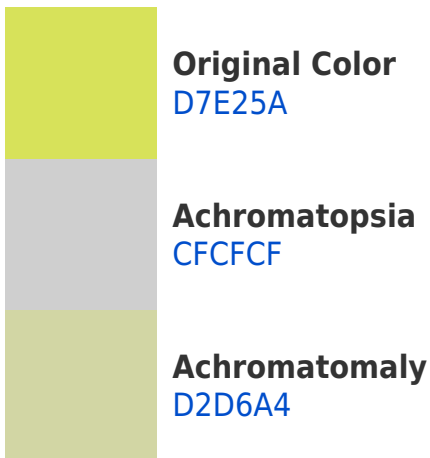


Tritanopia
E5D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7E25A 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 #D7E25A looks like.

```
.text, #text, p{  
    color:#D7E25A  
}
```

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 #D7E25A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E25A
}
```

Border

The CSS property to change the border of an element to Hex D7E25A 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
#D7E25A }
```

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

```
.border{ border-color:#D7E25A }
```

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

Here you see how a box with a 4 pixel #D7E25A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E25A; -webkit-box-shadow:4px 4px  
4px 4px #D7E25A; box-shadow:4px 4px 4px  
4px #D7E25A }
```

Background

The CSS property to change the background color of an element to Hex D7E25A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E25A }
```

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

```
.background{ background-color:#D7E25A }
```

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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