

# Converting Colors

Hex(D7E123)

Have a look what the booklet for  
Hex(D7E123) contains.

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**Color**

**Hex(D7E123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E123
RGB	215, 225, 35
RGB Percent	84%, 88%, 14%
CMY	0.1569, 0.1176, 0.8627
CMYK	0.04, 0.00, 0.84, 0.12
HSL	63°, 76%, 51%
HSV	63°, 84%, 88%
XYZ	55.2529, 68.4188, 11.8841
YIQ	200.3500, 55.0300, -61.2100

# Conversions

## Conversions Part 2

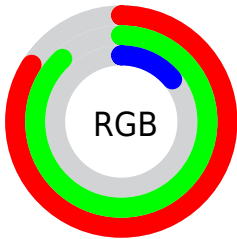
Format	Color
R <sub>Y</sub> B	35, 225, 45
Decimal	14147875
CIE Lab	86.22, -23.29, 80.65
CIE LCh	86, 83.949, 106.107
Yxy	68.4188, 0.4076, 0.5047
Android (android.graphics.Color)	4292337955 (0xFFD7E123)
YUV	200.3500, -81.5175, 12.8481
Hunter-Lab	82.7157, -25.5170, 49.3825

# Details

The Hex color **D7E123** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2D23E1**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF66**, and **9CAA00** is the 20% darker color. If you saturate the color by 10%, you get **D6E10D**, and if you desaturate by 10%, it is **D8E139**.

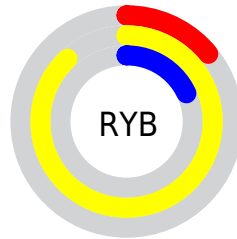
# Distribution



Red (84%)

Green (88%)

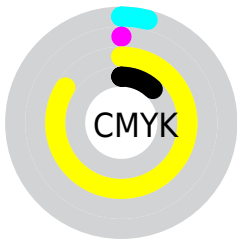
Blue (14%)



Red (14%)

Yellow (88%)

Blue (18%)

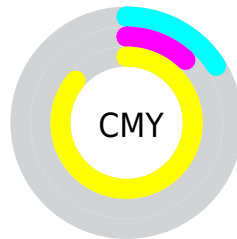


Cyan (4%)

Magenta (0%)

Yellow (84%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E123 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 D7E123 by changing the saturation by 10% instead.



 D7E123

 D7E123

FFFFFF

 B9C500

 FFFF66

 9CAA00

 FFFF83

 7F9000

 FFFFA0

 637600

 FFFFBD

 475D00

 FFFFDB

 2B4600

 FFFFF9

 102F00

 001D00

 000000

 D7E123

 D7E123

 D6E10D

 D8E139

 D5E100

 D9E150

 DBE167

 DCE17D

 DDE193

 DEE1AA

 DFE1C1

 E0E1D7

 E2E1EE

# Harmonies

## Analogous

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



FFC62B



D7E123



79F261

# Triad

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



D7E123



00F9FF



FF90FF

# Complementary

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



D7E123



2D23E1

# 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.



FFAFFF



D7E123



00EBFF

# Square

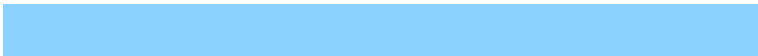
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7E123



00DFFF



8BD2FF



FF8CB0

# Rectangle

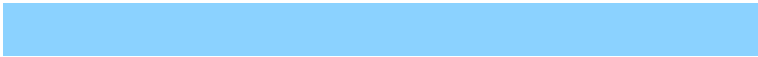
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7E123



00F994



8BD2FF



FF98FF



# Sweetspot

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



D7E123



FCFFBF



E12D23



7D8059



000000



808080



# Same Dimension

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



D7E123



F2FF00



78E123



707065



A7B000



2E3000



# Inverse Universe

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



2D23E1



0D00FF



8B23E1



666570



0900B0



030030



# Previews

## White Background



This preview shows how the Hex color D7E123 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 D7E123 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 D7E123 Background



This preview shows how black text looks on a background with the Hex color D7E123.

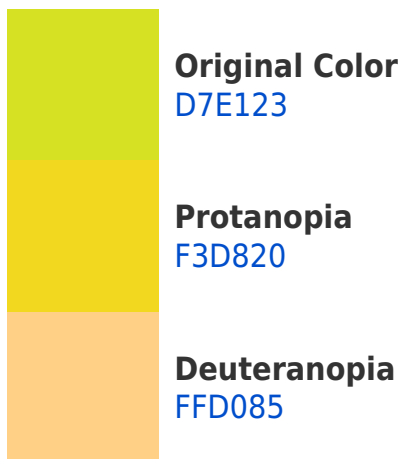


This preview shows how white text looks on a background with the Hex color D7E123.

# 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](#).

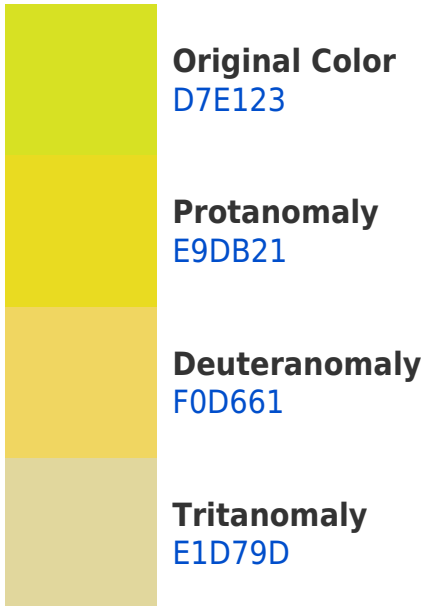
## Dichromacy



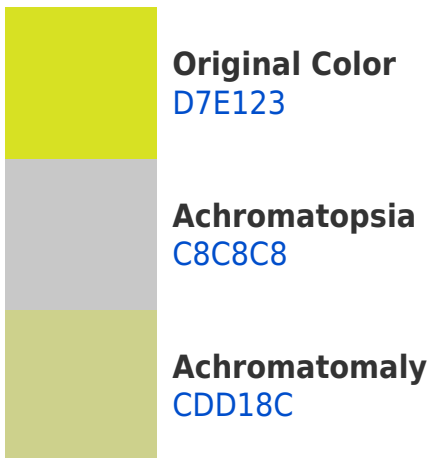


**Tritanopia**  
E6D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E123 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 #D7E123 looks like.

```
.text, #text, p{  
    color:#D7E123  
}
```

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 #D7E123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E123
}
```

## Border

The CSS property to change the border of an element to Hex D7E123 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
#D7E123 }
```

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

```
.border{ border-color:#D7E123 }
```

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

Here you see how a box with a 4 pixel #D7E123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E123; -webkit-box-shadow:4px 4px  
4px 4px #D7E123; box-shadow:4px 4px 4px  
4px #D7E123 }
```

# Background

The CSS property to change the background color of an element to Hex D7E123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E123 }
```

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

```
.background{ background-color:#D7E123 }
```

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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