

# Converting Colors

Hex(D9E252)

Have a look what the booklet for  
Hex(D9E252) contains.

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**Color**

**Hex(D9E252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E252
RGB	217, 226, 82
RGB Percent	85%, 89%, 32%
CMY	0.1490, 0.1137, 0.6784
CMYK	0.04, 0.00, 0.64, 0.11
HSL	64°, 71%, 60%
HSV	64°, 64%, 89%
XYZ	57.3346, 69.7536, 18.4246
YIQ	206.8930, 40.8600, -46.6920

# Conversions

## Conversions Part 2

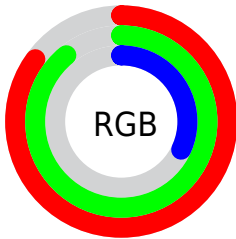
Format	Color
<b>R<sub>YB</sub></b>	82, 226, 91
Decimal	14279250
CIE Lab	86.88, -20.96, 66.75
CIE LCh	87, 69.963, 107.433
Yxy	69.7536, 0.3940, 0.4794
Android (android.graphics.Color)	4292469330 (0xFFD9E252)
YUV	206.8930, -61.5722, 8.8638
Hunter-Lab	83.5186, -23.6193, 45.3834

# Details

The Hex color **D9E252** 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 **5B52E2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF8A**, and **9FAB10** is the 20% darker color. If you saturate the color by 10%, you get **D8E23B**, and if you desaturate by 10%, it is **DAE269**.

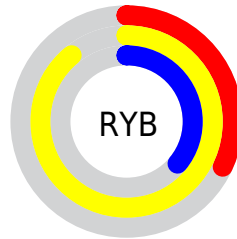
# Distribution



Red (85%)

Green (89%)

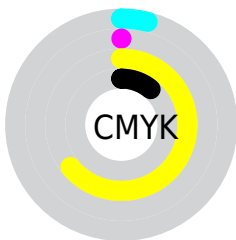
Blue (32%)



Red (32%)

Yellow (89%)

Blue (36%)

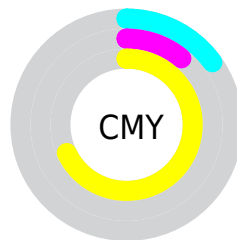


Cyan (4%)

Magenta (0%)

Yellow (64%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9E252 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 D9E252 by changing the saturation by 10% instead.



 D9E252

 D9E252

FFFFFF

 BCC635

 FFFF8A

 9FAB10

 FFFFA6

 839000

 FFFFC2

 677700

 FFFFDF

 4C5E00

FFFFFFD

 314700

 173000

 001D00

 000000

 D9E252

 D9E252

 D8E23B

 DAE269

 D6E225

 DCE27F

 D5E20E

 DDE296

 D4E200

 DFE2AC

 E0E2C3

 E1E2DA

 E3E2F0

 E4E2FF

 E6E2FF

# Harmonies

## Analogous

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



FFCC52



D9E252



8CF17B

# Triad

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



D9E252



00F6FF



FFA2F8

# Complementary

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



D9E252



5B52E2

# 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.



FFB8FF



D9E252



00E9FF

# Square

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



D9E252



00FAFF



ABD3FF



FFA0B5

# Rectangle

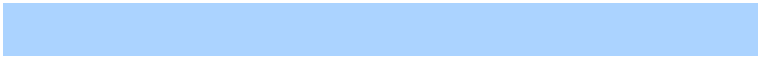
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9E252



35F7A4



ABD3FF



FFA8FF



# Sweetspot

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



D9E252



FCFFCF



E25952



7E8062



000000



808080



# Same Dimension

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



D9E252



F3FF3D



93E252



6F7065



A5B000



2D3000



# Inverse Universe

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



5B52E2



493DFF



A152E2



666570



0B00B0

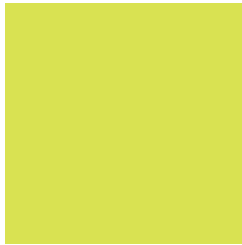


030030



# Previews

## White Background



This preview shows how the Hex color D9E252 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 D9E252 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 D9E252 Background



This preview shows how black text looks on a background with the Hex color D9E252.



This preview shows how white text looks on a background with the Hex color D9E252.

# 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**  
D9E252

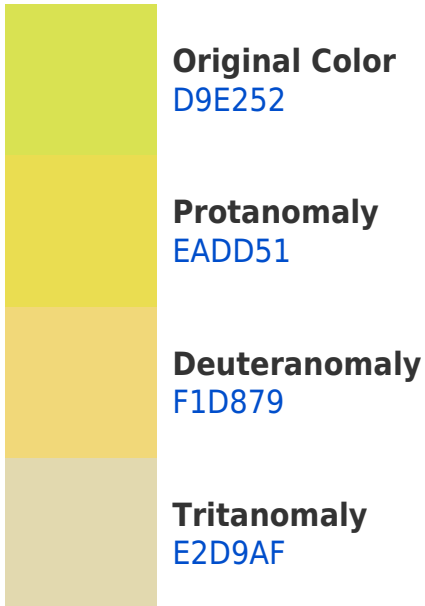
**Protanopia**  
F3DA50

**Deuteranopia**  
FFD290

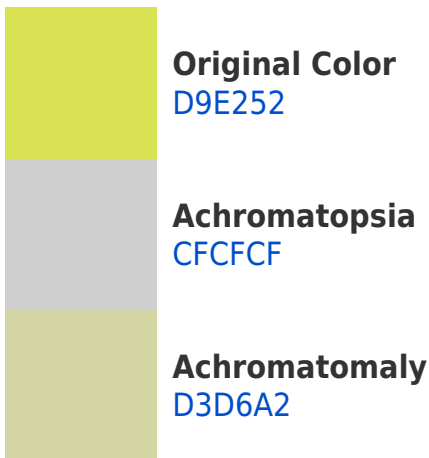


**Tritanopia**  
E7D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9E252 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 #D9E252 looks like.

```
.text, #text, p{  
    color:#D9E252  
}
```

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 #D9E252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E252
}
```

## Border

The CSS property to change the border of an element to Hex D9E252 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
#D9E252 }
```

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

```
.border{ border-color:#D9E252 }
```

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

Here you see how a box with a 4 pixel #D9E252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E252; -webkit-box-shadow:4px 4px  
4px 4px #D9E252; box-shadow:4px 4px 4px  
4px #D9E252 }
```

# Background

The CSS property to change the background color of an element to Hex D9E252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E252 }
```

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

```
.background{ background-color:#D9E252 }
```

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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