

Converting Colors

Hex(D9CE5D)

Have a look what the booklet for
Hex(D9CE5D) contains.

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Color

Hex(D9CE5D)

Conversions

Conversions Part 1

Format	Color
Hex	D9CE5D
RGB	217, 206, 93
RGB Percent	85%, 81%, 36%
CMY	0.1490, 0.1922, 0.6353
CMYK	0.00, 0.05, 0.57, 0.15
HSL	55°, 62%, 61%
HSV	55°, 57%, 85%
XYZ	52.6624, 59.6846, 19.1006
YIQ	196.4070, 42.8290, -32.8110

Conversions

Conversions Part 2

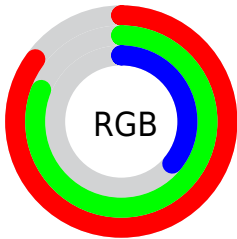
Format	Color
RYB	105, 217, 93
Decimal	14274141
CIELab	81.67, -10.31, 56.43
CIELCh	82, 57.365, 100.352
Yxy	59.6846, 0.4006, 0.4541
Android (android.graphics.Color)	4292464221 (0xFFD9CE5D)
YUV	196.4070, -50.9797, 18.0601
Hunter-Lab	77.2558, -13.5211, 39.4203

Details

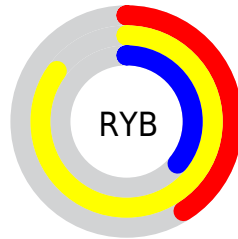
The Hex color **D9CE5D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5D68D9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF93**, and **9F9827** is the 20% darker color. If you saturate the color by 10%, you get **D9CC47**, and if you desaturate by 10%, it is **D9D073**.

Distribution



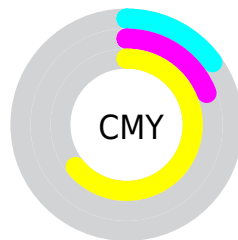
- Red (85%)
- Green (81%)
- Blue (36%)



- Red (41%)
- Yellow (85%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (57%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9CE5D 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 D9CE5D by changing the saturation by 10% instead.

 D9CE5D

 D9CE5D

FFFFFF

 BCB342

 FFFF93

 9F9827

 FFFFAE

 847E01

 FFFF CB

 686500

 FFFF E7

 4E4E00

 343700

 1B2200

 000B00

 000000

 D9CE5D

 D9CE5D

 D9CC47

 D9D073

 D9CA32

 D9D288

 D9C81C

 D9D49E

 D9C606

 D9D6B4

 D9C600

 D9D8CA

 D9DADF

 D9DBF5

 D9DDFF

 D9DFFF

Harmonies

Analogous

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



FFBB65



D9CE5D



9FDC76

Triad

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



D9CE5D



00E4FF



FFA3F0

Complementary

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



D9CE5D



5D68D9

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.



E8B6FF



D9CE5D



00DAFF

Square

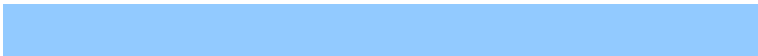
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9CE5D



00E6DD



92CAFF



FF9EBA

Rectangle

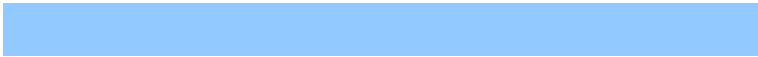
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9CE5D



6EE294



92CAFF



FFA8FF

Sweetspot

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



D9CE5D



FFFBD4



D95D69



807D66



000000



808080

Same Dimension

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



D9CE5D



FFEF4F



A7D95D



6E6D63



AD9E00



2E2A00

Inverse Universe

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



5D68D9



4F5FFF



8F5DD9



63646E



000FAD



00042E

Previews

White Background



This preview shows how the Hex color D9CE5D looks on a white background.

Color Contrast Check

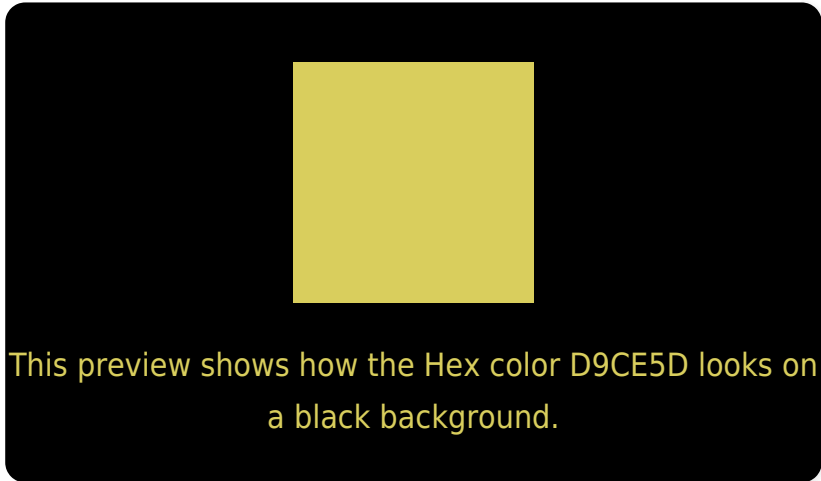
Large Text (above 18pt) WCAG AA × Fail

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 D9CE5D Background



This preview shows how black text looks on a background with the Hex color D9CE5D.



This preview shows how white text looks on a background with the Hex color D9CE5D.

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
D9CE5D

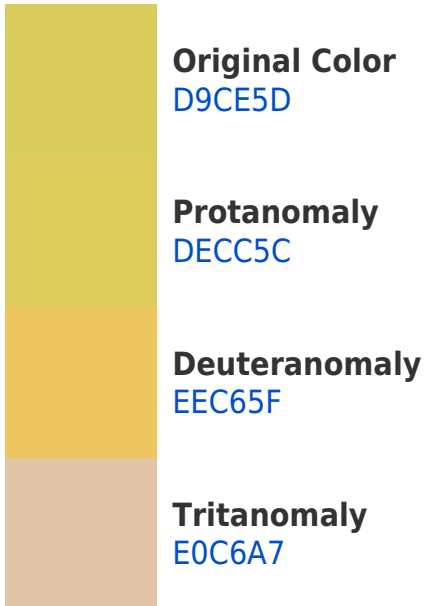
Protanopia
E1CB5C

Deuteranopia
FAC160



Tritanopia
E4C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9CE5D 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 #D9CE5D looks like.

```
.text, #text, p{  
    color:#D9CE5D  
}
```

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 #D9CE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9CE5D
}
```

Border

The CSS property to change the border of an element to Hex D9CE5D 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
#D9CE5D }
```

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

```
.border{ border-color:#D9CE5D }
```

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

Here you see how a box with a 4 pixel #D9CE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9CE5D; -webkit-box-shadow:4px 4px  
4px 4px #D9CE5D; box-shadow:4px 4px 4px  
4px #D9CE5D }
```

Background

The CSS property to change the background color of an element to Hex D9CE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9CE5D }
```

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

```
.background{ background-color:#D9CE5D }
```

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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