

Converting Colors

Hex(DEC969)

Have a look what the booklet for
Hex(DEC969) contains.

Hex(DEC969)	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(DEC969)

Conversions

Conversions Part 1

Format	Color
Hex	DEC969
RGB	222, 201, 105
RGB Percent	87%, 79%, 41%
CMY	0.1294, 0.2118, 0.5882
CMYK	0.00, 0.09, 0.53, 0.13
HSL	49°, 64%, 64%
HSV	49°, 53%, 87%
XYZ	53.5606, 58.3228, 21.7991
YIQ	196.3350, 43.3320, -25.4040

Conversions

Conversions Part 2

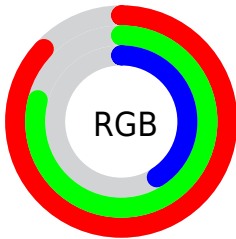
Format	Color
RYB	131, 222, 105
Decimal	14600553
CIELab	80.92, -4.76, 50.10
CIELCh	81, 50.325, 95.428
Yxy	58.3228, 0.4007, 0.4363
Android (android.graphics.Color)	4292790633 (0xFFDEC969)
YUV	196.3350, -45.0282, 22.5082
Hunter-Lab	76.3694, -8.4578, 36.5347

Details

The Hex color **DEC969** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **697EDE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF99E**, and **A49335** is the 20% darker color. If you saturate the color by 10%, you get **DEC553**, and if you desaturate by 10%, it is **DECD7F**.

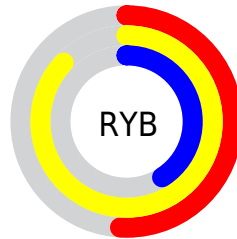
Distribution



Red (87%)

Green (79%)

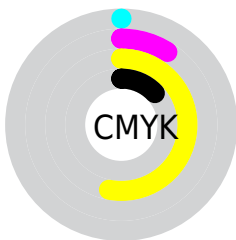
Blue (41%)



Red (51%)

Yellow (87%)

Blue (41%)

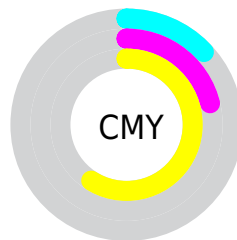


Cyan (0%)

Magenta (9%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (21%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC969 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 DEC969 by changing the saturation by 10% instead.

 DEC969

 DEC969

FFFFFF

 C1AE4F

 FFFF9E

 A49335

 FFFFBA

 897A1A

 FFFFFD6

 6D6100

 FFFFF3

 534900

 393300

 201E00

 000600

 000000

 DEC969

 DEC969

 DEC553

 DECD7F

 DEC13D

 DED195

 DEBD26

 DED5AC

 DEB910

 DED9C2

 DEB600

 DEDDD8

 DEE1EE

 DEE5FF

 DEE9FF

 DEEDFF

Harmonies

Analogous

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



FFB874



DEC969



ACD67A

Triad

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



DEC969



00E0FE



FFA9F1

Complementary

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



DEC969



697EDE

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.



D9B9FF



DEC969



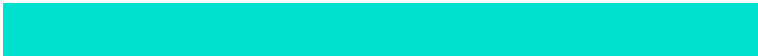
00D8FF

Square

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



DEC969



00E1D0



8DCBFF



FFA2C2

Rectangle

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



DEC969



85DC92



8DCBFF



FDAEFF

Sweetspot

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



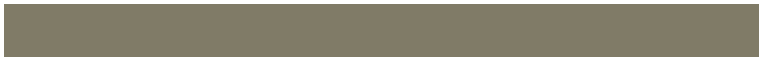
DEC969



FFF8D6



DE697E



807B67



000000



808080

Same Dimension

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



DEC969



FFE25E



B9DE69



706E65



B09000



302800

Inverse Universe

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



697EDE



5E7BFF



8E69DE



656770



0020B0



000930

Previews

White Background



This preview shows how the Hex color DEC969 looks on a white background.

Color Contrast Check

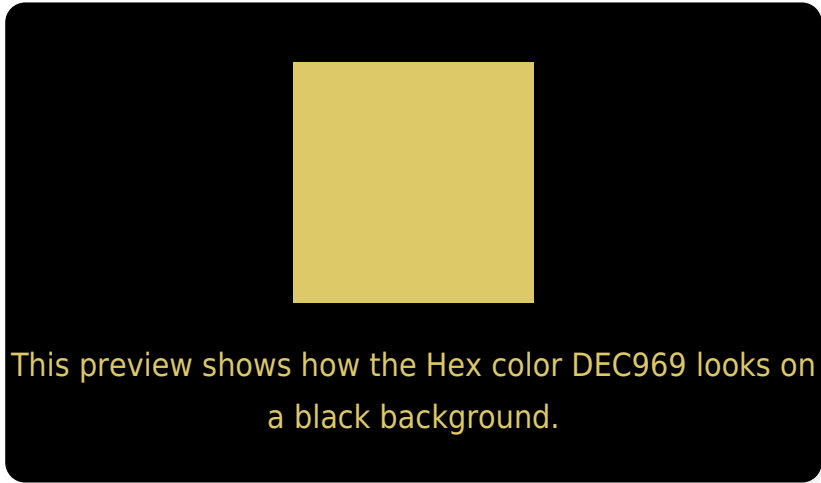
Large Text (above 18pt) WCAG AA × Fail

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

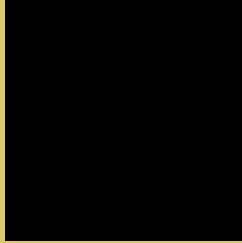
Any Text WCAG AA ✓ Pass

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 DEC969 Background



This preview shows how black text looks on a background with the Hex color DEC969.

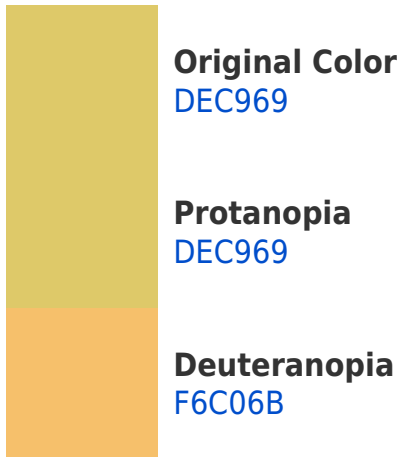


This preview shows how white text looks on a background with the Hex color DEC969.

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](#).

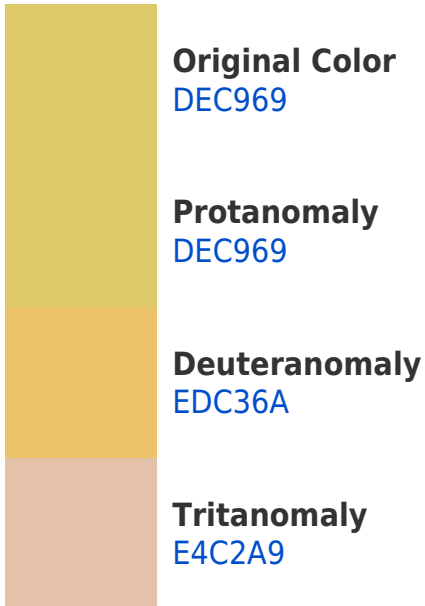
Dichromacy



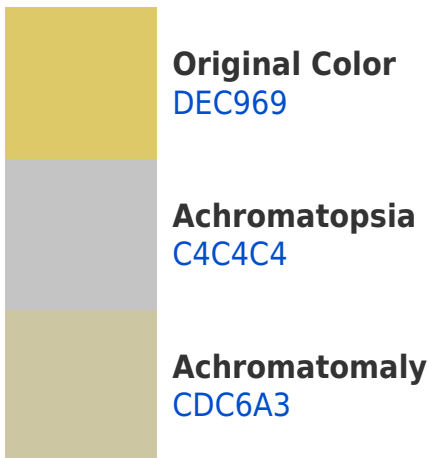


Tritanopia
E8BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEC969 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 #DEC969 looks like.

```
.text, #text, p{  
    color:#DEC969  
}
```

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 #DEC969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC969
}
```

Border

The CSS property to change the border of an element to Hex DEC969 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
#DEC969 }
```

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

```
.border{ border-color:#DEC969 }
```

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

Here you see how a box with a 4 pixel #DEC969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC969; -webkit-box-shadow:4px 4px  
4px 4px #DEC969; box-shadow:4px 4px 4px  
4px #DEC969 }
```

Background

The CSS property to change the background color of an element to Hex DEC969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC969 }
```

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

```
.background{ background-color:#DEC969 }
```

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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