

# Converting Colors

Hex(D8C965)

Have a look what the booklet for  
Hex(D8C965) contains.

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**Color**

**Hex(D8C965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8C965
RGB	216, 201, 101
RGB Percent	85%, 79%, 40%
CMY	0.1529, 0.2118, 0.6039
CMYK	0.00, 0.07, 0.53, 0.15
HSL	52°, 60%, 62%
HSV	52°, 53%, 85%
XYZ	51.5545, 57.3118, 20.6570
YIQ	194.0850, 41.0400, -27.9200

# Conversions

## Conversions Part 2

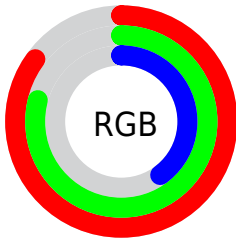
Format	Color
R <sub>YB</sub>	118, 216, 101
Decimal	14207333
CIE Lab	80.35, -7.55, 51.21
CIE LCh	80, 51.762, 98.392
Yxy	57.3118, 0.3980, 0.4425
Android (android.graphics.Color)	4292397413 (0xFFD8C965)
YUV	194.0850, -45.8909, 19.2195
Hunter-Lab	75.7046, -10.9252, 36.8151

# Details

The Hex color **D8C965** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6574D8**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF9A**, and **9F9331** is the 20% darker color. If you saturate the color by 10%, you get **D8C64F**, and if you desaturate by 10%, it is **D8CC7B**.

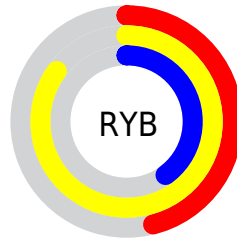
# Distribution



Red (85%)

Green (79%)

Blue (40%)



Red (46%)

Yellow (85%)

Blue (40%)

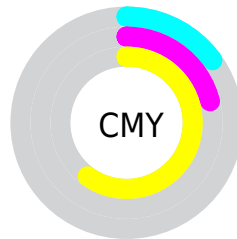


Cyan (0%)

Magenta (7%)

Yellow (53%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8C965 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 D8C965 by changing the saturation by 10% instead.



 D8C965

 D8C965

FFFFFF

 BBAE4B

 FFFF9A

 9F9331

 FFFFB6

 837A15

 FFFF D2

 686100

 FFFF E F

 4E4900

 343300

 1C1E00

 000200

 000000

 D8C965

 D8C965

 D8C64F

 D8CC7B

 D8C33A

 D8CF90

 D8C124

 D8D1A6

 D8BE0F

 D8D4BB

 D8BC00

 D8D7D1

 D8DAE7

 D8DDFC

 D8E0FF

 D8E2FF

# Harmonies

## Analogous

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



FFB86D



D8C965



A4D679

# Triad

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



D8C965



00DEFF



FFA5EC

# Complementary

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



D8C965



6574D8

# 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.



DEB5FF



D8C965



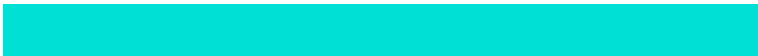
00D6FF

# Square

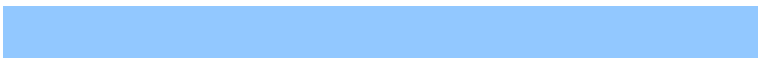
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8C965



00E0D4



92C8FF



FFA0BB

# Rectangle

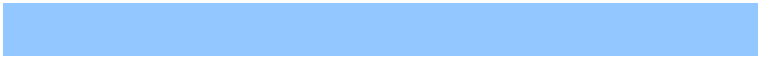
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8C965



7BDC93



92C8FF



FFAAFB



# Sweetspot

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



D8C965



FFFAD6



D86574



807C67



000000



808080



# Same Dimension

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



D8C965



FFEA5C



AED865



6B6A60



AB9500



2B2600



# Inverse Universe

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



6574D8



5C71FF



8F65D8



60626B



0016AB

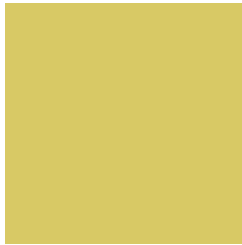


00062B



# Previews

## White Background



This preview shows how the Hex color D8C965 looks on a white background.

## Color Contrast Check

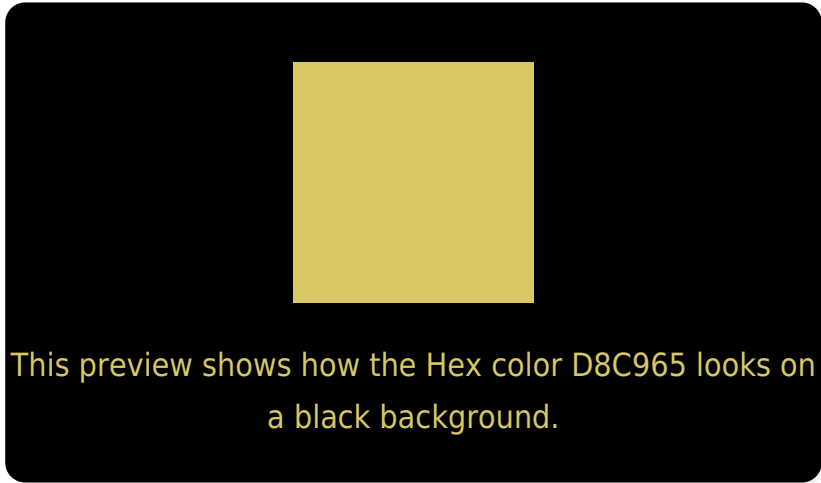
Large Text (above 18pt) WCAG AA × Fail

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

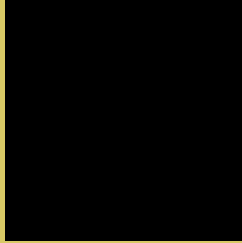
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8C965 Background



This preview shows how black text looks on a background with the Hex color D8C965.

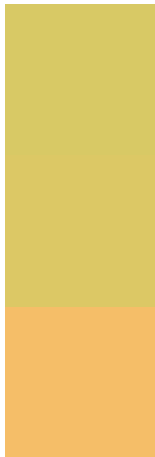


This preview shows how white text looks on a background with the Hex color D8C965.

# 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



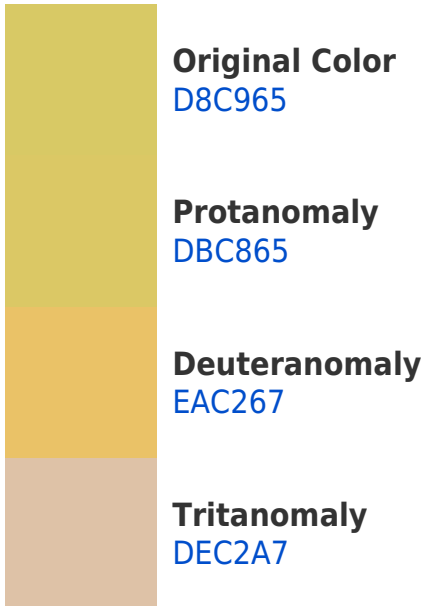
**Original Color**  
D8C965

**Protanopia**  
DCC865

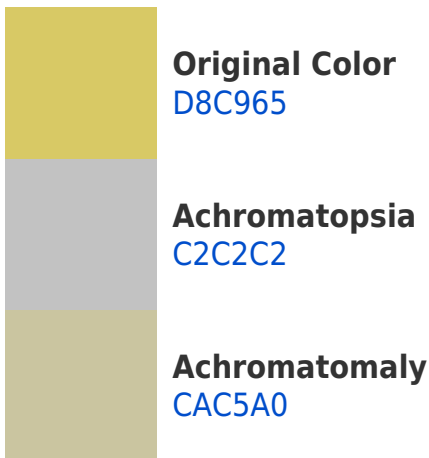
**Deuteranopia**  
F5BE68



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8C965 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 #D8C965 looks like.

```
.text, #text, p{  
    color:#D8C965  
}
```

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 #D8C965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8C965
}
```

## Border

The CSS property to change the border of an element to Hex D8C965 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
#D8C965 }
```

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

```
.border{ border-color:#D8C965 }
```

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

Here you see how a box with a 4 pixel #D8C965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8C965; -webkit-box-shadow:4px 4px  
4px 4px #D8C965; box-shadow:4px 4px 4px  
4px #D8C965 }
```

# Background

The CSS property to change the background color of an element to Hex D8C965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8C965 }
```

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

```
.background{ background-color:#D8C965 }
```

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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