

# Converting Colors

Hex(E5DB68)

Have a look what the booklet for  
Hex(E5DB68) contains.

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# **Color**

**Hex(E5DB68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DB68
RGB	229, 219, 104
RGB Percent	90%, 86%, 41%
CMY	0.1020, 0.1412, 0.5922
CMYK	0.00, 0.04, 0.55, 0.10
HSL	55°, 71%, 65%
HSV	55°, 55%, 90%
XYZ	60.1433, 68.3205, 23.1140
YIQ	208.8800, 42.8750, -33.6450

# Conversions

## Conversions Part 2

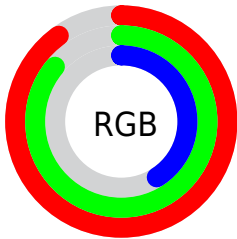
Format	Color
<b>RYB</b>	115, 229, 104
Decimal	15063912
CIELab	86.17, -11.11, 56.84
CIELCh	86, 57.918, 101.063
Yxy	68.3205, 0.3968, 0.4507
Android (android.graphics.Color)	4293253992 (0xFFE5DB68)
YUV	208.8800, -51.7058, 17.6452
Hunter-Lab	82.6562, -14.7661, 41.2795

# Details

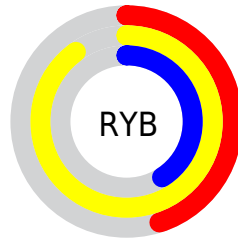
The Hex color **E5DB68** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6872E5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF9E**, and **ABA432** is the 20% darker color. If you saturate the color by 10%, you get **E5D951**, and if you desaturate by 10%, it is **E5DD7F**.

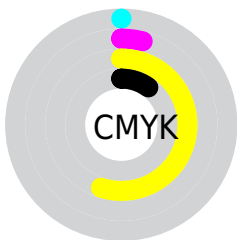
# Distribution



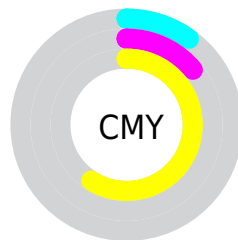
- Red (90%)
- Green (86%)
- Blue (41%)



- Red (45%)
- Yellow (90%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (55%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5DB68 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 E5DB68 by changing the saturation by 10% instead.



 E5DB68

 E5DB68

FFFFFF

 C8BF4D

 FFFF9E

 ABA432

 FFFFBA

 8F8A13

 FFFFD7

 737100

 FFFFF4

 595900

 3E4100

 252C00

 061800

 000000

 E5DB68

 E5DB68

 E5D951

 E5DD7F

 E5D73A

 E5DF96

 E5D623

 E5E0AD

 E5D40C

 E5E2C4

 E5D300

 E5E4DB

 E5E6F1

 E5E8FF

 E5EAFF

 E5EBFF

# Harmonies

## Analogous

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



FFC86F



E5DB68



A9E982

# Triad

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



E5DB68



00F1FF



FFAFFD

# Complementary

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



E5DB68



6872E5

# 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.



F7C1FF



E5DB68



00E7FF

# Square

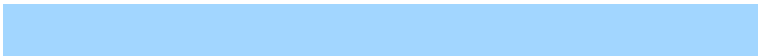
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5DB68



00F4EB



A2D6FF



FFAAC5

# Rectangle

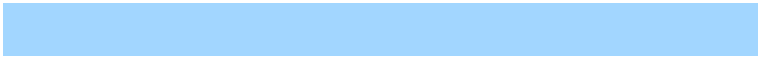
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5DB68



78EFA0



A2D6FF



FFB4FF

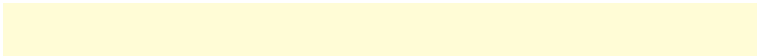


# Sweetspot

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



E5DB68



FFCD6



E56872



807E67



000000



808080



# Same Dimension

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



E5DB68



FFF257



B1E568



737267



B3A400



332F00



# Inverse Universe

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



6872E5



5764FF



9C68E5



676873



000EB3

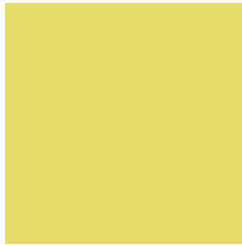


000433



# Previews

## White Background



This preview shows how the Hex color E5DB68 looks on a white background.

## Color Contrast Check

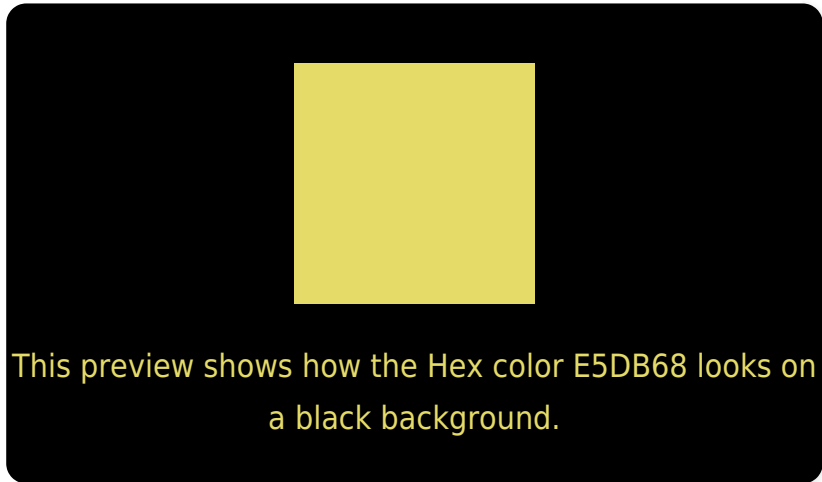
Large Text (above 18pt) WCAG AA × Fail

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 E5DB68 Background



This preview shows how black text looks on a background with the Hex color E5DB68.

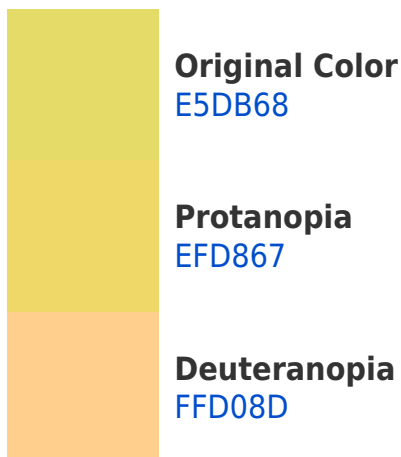


This preview shows how white text looks on a background with the Hex color E5DB68.

# Color Blindness Simulation

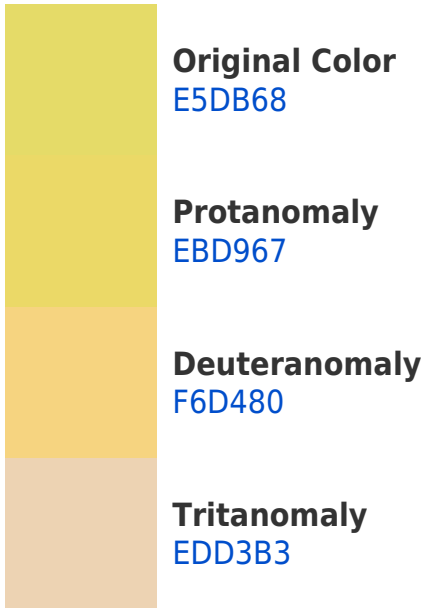
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

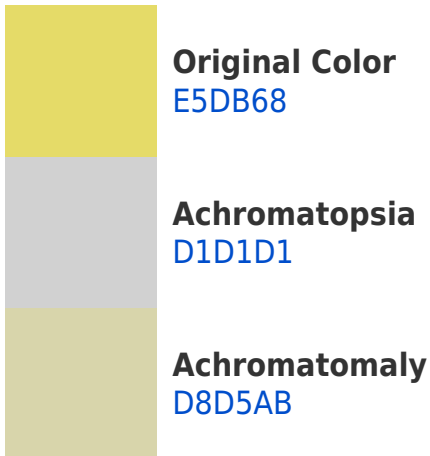




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5DB68 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 #E5DB68 looks like.

```
.text, #text, p{  
    color:#E5DB68  
}
```

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 #E5DB68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5DB68  
}
```

## Border

The CSS property to change the border of an element to Hex E5DB68 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  
#E5DB68 }
```

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

```
.border{ border-color:#E5DB68 }
```

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

Here you see how a box with a 4 pixel #E5DB68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5DB68; -webkit-box-shadow:4px 4px  
4px 4px #E5DB68; box-shadow:4px 4px 4px  
4px #E5DB68 }
```

# Background

The CSS property to change the background color of an element to Hex E5DB68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5DB68 }
```

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

```
.background{ background-color:#E5DB68 }
```

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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