

Converting Colors

Hex(E5DF00)

Have a look what the booklet for
Hex(E5DF00) contains.

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Color

Hex(E5DF00)

Conversions

Conversions Part 1

Format	Color
Hex	E5DF00
RGB	229, 223, 0
RGB Percent	90%, 87%, 0%
CMY	0.1020, 0.1255, 1.0000
CMYK	0.00, 0.03, 1.00, 0.10
HSL	58°, 100%, 45%
HSV	58°, 100%, 90%
XYZ	58.7008, 69.4334, 10.3081
YIQ	199.3720, 75.1590, -68.0810

Conversions

Conversions Part 2

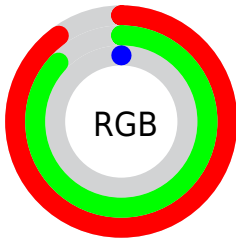
Format	Color
R_{YB}	6, 229, 0
Decimal	15064832
CIE _{Lab}	86.72, -16.95, 85.95
CIE _{LCh}	87, 87.603, 101.157
Yxy	69.4334, 0.4240, 0.5015
Android (android.graphics.Color)	4293254912 (0xFFE5DF00)
YUV	199.3720, -98.2904, 25.9838
Hunter-Lab	83.3267, -20.0746, 50.9941

Details

The Hex color **E5DF00** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **0006E5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF59**, and **A9A800** is the 20% darker color. If you saturate the color by 10%, you get **E5DF00**, and if you desaturate by 10%, it is **E5E017**.

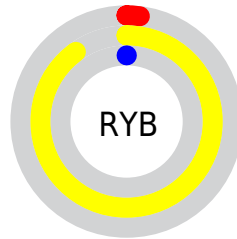
Distribution



Red (90%)

Green (87%)

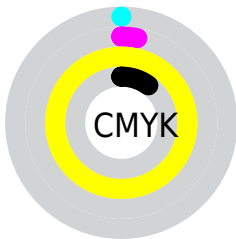
Blue (0%)



Red (2%)

Yellow (90%)

Blue (0%)

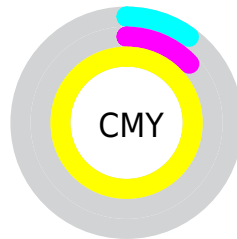


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5DF00 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 E5DF00 by changing the saturation by 10% instead.

 E5DF00

 E5DF00

FFFFFF

 C7C300

 FFFF59

 A9A800

 FFFF78

 8B8E00

 FFFF95

 6F7500

 FFFFB3

 525C00

 FFFF00

 374500

 FFFFEE

 1D2F00

 001B00

 000000

 E5DF00

 E5E017

 E5E02E

 E5E145

 E5E15C

 E5E273

 E5E389

 E5E3A0

 E5E4B7

 E5E4CE

Harmonies

Analogous

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



FFC22A



E5DF00



88F250

Triad

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



E5DF00



00DFFF



FF91FF

Complementary

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



E5DF00



0006E5

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.



FFB5FF



E5DF00



00F1FF

Square

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



E5DF00



00FFF7



55D8FF



FF86BD

Rectangle

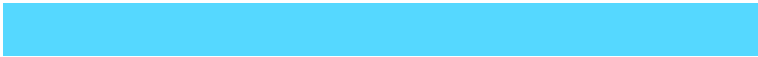
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5DF00



00FA84



55D8FF



FF9BFF

Sweetspot

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



E5DF00



FFFDB3



E50008



807E52



000000



808080

Same Dimension

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



E5DF00



FFF800



7AE500



737267



B3AE00



333200

Inverse Universe

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



0006E5



0007FF



6B00E5



676873



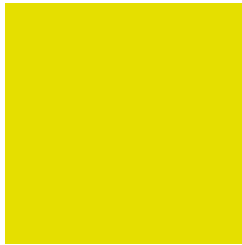
0005B3



000133

Previews

White Background



This preview shows how the Hex color E5DF00 looks on a white background.

Color Contrast Check

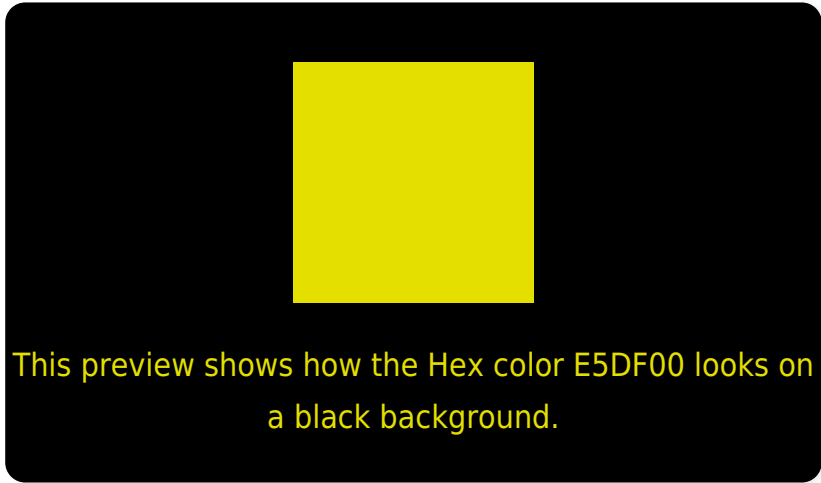
Large Text (above 18pt) WCAG AA × Fail

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 E5DF00 Background



This preview shows how black text looks on a background with the Hex color E5DF00.

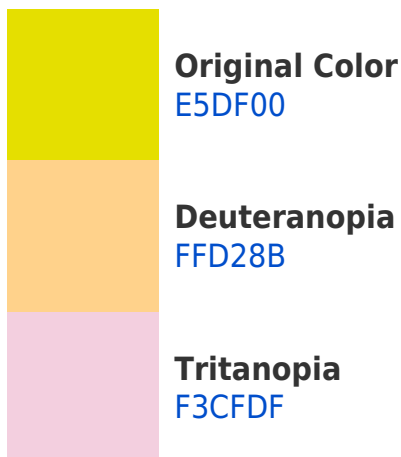


This preview shows how white text looks on a background with the Hex color E5DF00.

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](#).

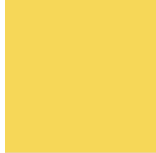
Dichromacy



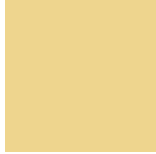
Trichromacy



Original Color
E5DF00



Deuteranomaly
F6D758



Tritanomaly
EED58E

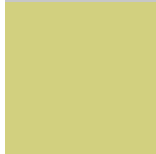
Monochromacy



Original Color
E5DF00



Achromatopsia
C7C7C7



Achromatomaly
D2D07F

CSS Examples

Text

The CSS property to change the color of the text to Hex E5DF00 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 #E5DF00 looks like.

```
.text, #text, p{  
    color:#E5DF00  
}
```

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 #E5DF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5DF00
}
```

Border

The CSS property to change the border of an element to Hex E5DF00 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
#E5DF00 }
```

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

```
.border{ border-color:#E5DF00 }
```

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

Here you see how a box with a 4 pixel #E5DF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5DF00; -webkit-box-shadow:4px 4px  
4px 4px #E5DF00; box-shadow:4px 4px 4px  
4px #E5DF00 }
```

Background

The CSS property to change the background color of an element to Hex E5DF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5DF00 }
```

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

```
.background{ background-color:#E5DF00 }
```

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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