

Converting Colors

Hex(E2D687)

Have a look what the booklet for
Hex(E2D687) contains.

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Color

Hex(E2D687)

Conversions

Conversions Part 1

Format	Color
Hex	E2D687
RGB	226, 214, 135
RGB Percent	89%, 84%, 53%
CMY	0.1137, 0.1608, 0.4706
CMYK	0.00, 0.05, 0.40, 0.11
HSL	52°, 61%, 71%
HSV	52°, 40%, 89%
XYZ	59.7838, 66.0112, 32.5122
YIQ	208.5820, 32.5110, -22.0250

Conversions

Conversions Part 2

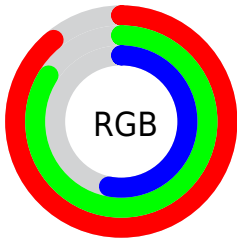
Format	Color
RYB	149, 226, 135
Decimal	14866055
CIELab	85.00, -6.95, 40.46
CIElCh	85, 41.057, 99.748
Yxy	66.0112, 0.3776, 0.4170
Android (android.graphics.Color)	4293056135 (0xFFE2D687)
YUV	208.5820, -36.2759, 15.2756
Hunter-Lab	81.2472, -10.8379, 33.1474

Details

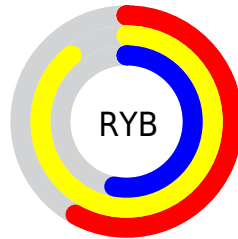
The Hex color **E2D687** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8793E2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFBD**, and **A99F54** is the 20% darker color. If you saturate the color by 10%, you get **E2D370**, and if you desaturate by 10%, it is **E2D99E**.

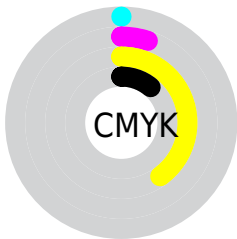
Distribution



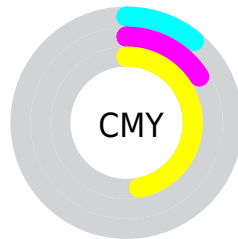
- Red (89%)
- Green (84%)
- Blue (53%)



- Red (58%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2D687 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 E2D687 by changing the saturation by 10% instead.

 E2D687

 E2D687

FFFFFF

 C5BA6D

 FFFFBD

 A99F54

 FFFFD9

 8E853B

 FFFFF6

 736C23

 595407

 403D00

 272800

 0A1400

 000000

 E2D687

 E2D687

 E2D370

 E2D99E

 E2D05A

 E2DCB4

 E2CD43

 E2DFCB

 E2CA2D

 E2E2E1

 E2C716

 E2E5F8

 E2C400

 E2E8FF

 E2EBFF

 E2EEFF

 E2F1FF

Harmonies

Analogous

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



FFC98C



E2D687



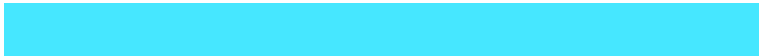
B7E197

Triad

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



E2D687



46E7FF



FFBAF0

Complementary

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



E2D687



8793E2

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.



E9C6FF



E2D687



74E0FF

Square

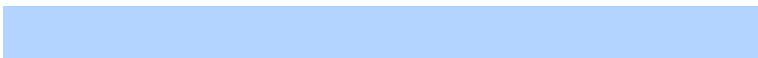
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2D687



59E9E0



B2D4FF



FFB7C9

Rectangle

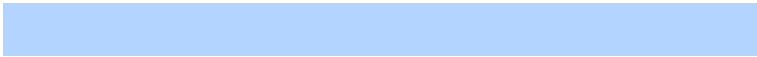
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2D687



98E6AC



B2D4FF



FFBDFC

Sweetspot

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



E2D687



FFFBE0



E28793



807D6E



000000



808080

Same Dimension

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



E2D687



FFEF85



C1E287



706F65



B09900



302A00

Inverse Universe

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



8793E2



8595FF



A887E2



656670



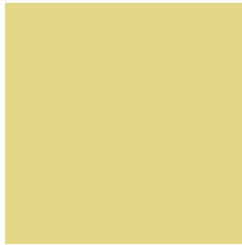
0017B0



000630

Previews

White Background



This preview shows how the Hex color E2D687 looks on a white background.

Color Contrast Check

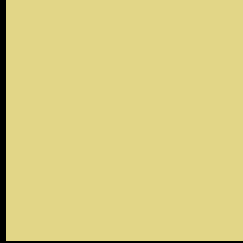
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E2D687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

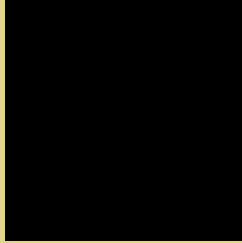
Any Text WCAG AA ✓ Pass

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 E2D687 Background



This preview shows how black text looks on a background with the Hex color E2D687.



This preview shows how white text looks on a background with the Hex color E2D687.

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

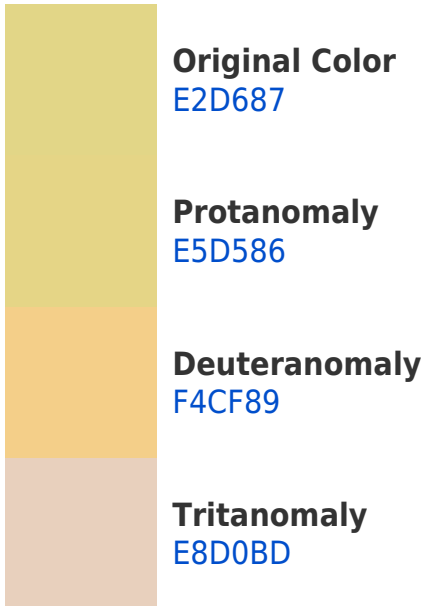


Original Color
E2D687

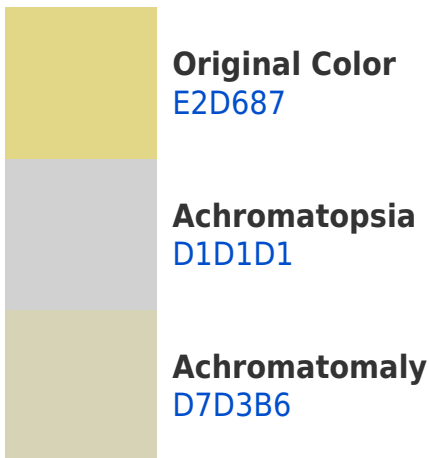
Protanopia
E7D486

Deuteranopia
FFCB8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2D687 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 #E2D687 looks like.

```
.text, #text, p{  
    color:#E2D687  
}
```

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 #E2D687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D687
}
```

Border

The CSS property to change the border of an element to Hex E2D687 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
#E2D687 }
```

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

```
.border{ border-color:#E2D687 }
```

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

Here you see how a box with a 4 pixel #E2D687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D687; -webkit-box-shadow:4px 4px  
4px 4px #E2D687; box-shadow:4px 4px 4px  
4px #E2D687 }
```

Background

The CSS property to change the background color of an element to Hex E2D687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D687 }
```

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

```
.background{ background-color:#E2D687 }
```

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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