

Converting Colors

Hex(E8D271)

Have a look what the booklet for
Hex(E8D271) contains.

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Color

Hex(E8D271)

Conversions

Conversions Part 1

Format	Color
Hex	E8D271
RGB	232, 210, 113
RGB Percent	91%, 82%, 44%
CMY	0.0902, 0.1765, 0.5569
CMYK	0.00, 0.09, 0.51, 0.09
HSL	49°, 72%, 68%
HSV	49°, 51%, 91%
XYZ	59.3059, 64.4412, 24.9354
YIQ	205.5200, 44.2490, -25.5030

Conversions

Conversions Part 2

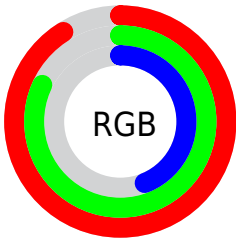
Format	Color
RYB	140, 232, 113
Decimal	15258225
CIELab	84.19, -4.62, 50.39
CIELCh	84, 50.598, 95.236
Yxy	64.4412, 0.3989, 0.4334
Android (android.graphics.Color)	4293448305 (0xFFE8D271)
YUV	205.5200, -45.6124, 23.2230
Hunter-Lab	80.2753, -8.6092, 37.7758

Details

The Hex color **E8D271** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7187E8**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFA7**, and **AE9C3D** is the 20% darker color. If you saturate the color by 10%, you get **E8CE5A**, and if you desaturate by 10%, it is **E8D688**.

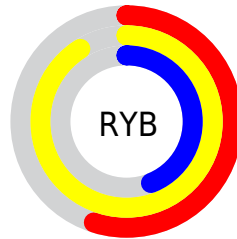
Distribution



Red (91%)

Green (82%)

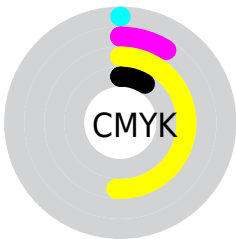
Blue (44%)



Red (55%)

Yellow (91%)

Blue (44%)

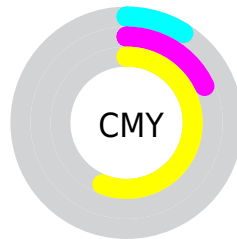


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8D271 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 E8D271 by changing the saturation by 10% instead.

 E8D271

 E8D271

FFFFFF

 CBB757

 FFFFA7

 AE9C3D

 FFFFC3

 928223

 FFFFDF

 766901

 FFFFFC

 5C5100

 423A00

 282500

 0C1100

 000000

 E8D271

 E8D271

 E8CE5A

 E8D688

 E8C943

 E8DB9F

 E8C52B

 E8DFB7

 E8C114

 E8E3CE

 E8BD00

 E8E7E5

 E8ECFC

 E8F0FF

 E8F4FF

 E8F9FF

Harmonies

Analogous

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



FFC17C



E8D271



B5DF82

Triad

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



E8D271



00E9FF



FFB2FB

Complementary

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



E8D271



7187E8

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.



E2C2FF



E8D271



13E2FF

Square

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



E8D271



00EBD9



96D4FF



FFABCB

Rectangle

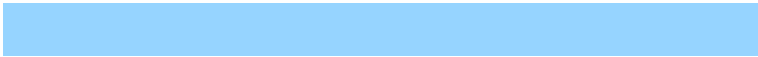
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8D271



8EE69A



96D4FF



FFB7FF

Sweetspot

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



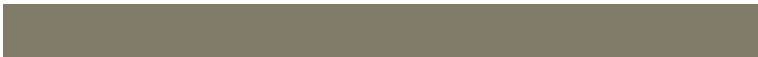
E8D271



FFF8D9



E87189



807B69



000000



808080

Same Dimension

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



E8D271



FFE261



C4E871



737167



B39200



332A00

Inverse Universe

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



7187E8



617EFF



9571E8



676973



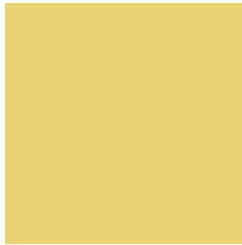
0021B3



000933

Previews

White Background



This preview shows how the Hex color E8D271 looks on a white background.

Color Contrast Check

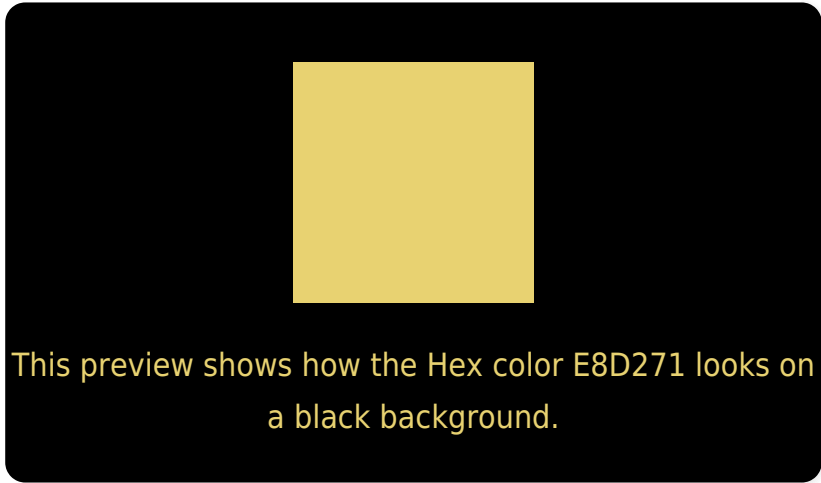
Large Text (above 18pt) WCAG AA × Fail

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 E8D271 Background



This preview shows how black text looks on a background with the Hex color E8D271.



This preview shows how white text looks on a background with the Hex color E8D271.

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
E8D271

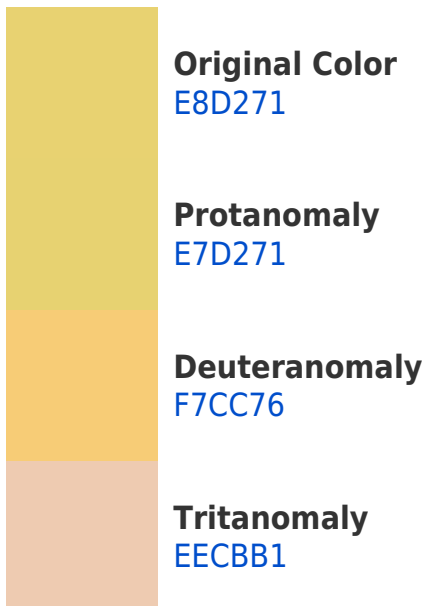
Protanopia
E7D271

Deuteranopia
FFC979



Tritanopia
F2C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8D271 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 #E8D271 looks like.

```
.text, #text, p{  
    color:#E8D271  
}
```

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 #E8D271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8D271
}
```

Border

The CSS property to change the border of an element to Hex E8D271 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
#E8D271 }
```

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

```
.border{ border-color:#E8D271 }
```

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

Here you see how a box with a 4 pixel #E8D271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8D271; -webkit-box-shadow:4px 4px  
4px 4px #E8D271; box-shadow:4px 4px 4px  
4px #E8D271 }
```

Background

The CSS property to change the background color of an element to Hex E8D271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8D271 }
```

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

```
.background{ background-color:#E8D271 }
```

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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