

Converting Colors

Hex(E6D16C)

Have a look what the booklet for
Hex(E6D16C) contains.

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Color

Hex(E6D16C)

Conversions

Conversions Part 1

Format	Color
Hex	E6D16C
RGB	230, 209, 108
RGB Percent	90%, 82%, 42%
CMY	0.0980, 0.1804, 0.5765
CMYK	0.00, 0.09, 0.53, 0.10
HSL	50°, 71%, 66%
HSV	50°, 53%, 90%
XYZ	58.1404, 63.5066, 23.3810
YIQ	203.7650, 44.9370, -26.9590

Conversions

Conversions Part 2

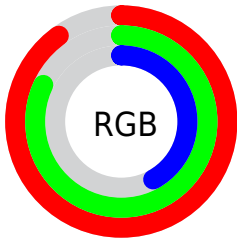
Format	Color
RYB	133, 230, 108
Decimal	15126892
CIELab	83.71, -5.34, 52.15
CIELCh	84, 52.418, 95.843
Yxy	63.5066, 0.4009, 0.4379
Android (android.graphics.Color)	4293316972 (0xFFE6D16C)
YUV	203.7650, -47.2121, 23.0081
Hunter-Lab	79.6910, -9.2307, 38.3883

Details

The Hex color **E6D16C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C81E6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFA2**, and **AC9B38** is the 20% darker color. If you saturate the color by 10%, you get **E6CD55**, and if you desaturate by 10%, it is **E6D583**.

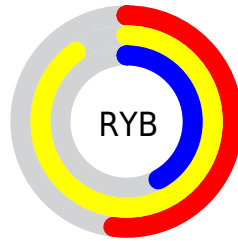
Distribution



Red (90%)

Green (82%)

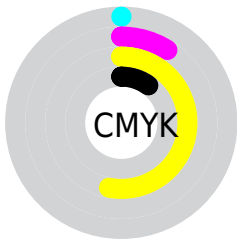
Blue (42%)



Red (52%)

Yellow (90%)

Blue (42%)

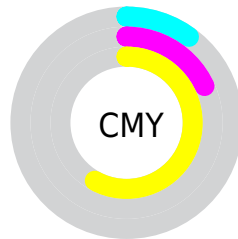


Cyan (0%)

Magenta (9%)

Yellow (53%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6D16C 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 E6D16C by changing the saturation by 10% instead.

 E6D16C

 E6D16C

FFFFFF

 C9B652

 FFFFA2

 AC9B38

 FFFFBE

 90811C

 FFFFDA

 746800

 FFFFF7

 5A5000

 403A00

 262400

 071000

 000000

 E6D16C

 E6D16C

 E6CD55

 E6D583

 E6C93E

 E6D99A

 E6C527

 E6DDB1

 E6C110

 E6E1C8

 E6BE00

 E6E5DF

 E6E9F6

 E6EDFF

 E6F1FF

 E6F5FF

Harmonies

Analogous

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



FFC077



E6D16C



B2DF7E

Triad

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



E6D16C



00E8FF



FFAFA

Complementary

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



E6D16C



6C81E6

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.



E2C0FF



E6D16C



00E1FF

Square

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



E6D16C



00EAD9



93D2FF



FFA8C9

Rectangle

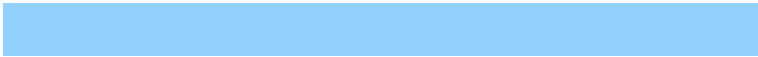
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6D16C



89E597



93D2FF



FFB4FF

Sweetspot

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



E6D16C



FFF8D6



E66C82



807B67



000000



808080

Same Dimension

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



E6D16C



FFE35C



BFE66C



737167



B39400



332A00

Inverse Universe

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



6C81E6



5C78FF



936CE6



676973



001FB3



000933

Previews

White Background



This preview shows how the Hex color E6D16C looks on a white background.

Color Contrast Check

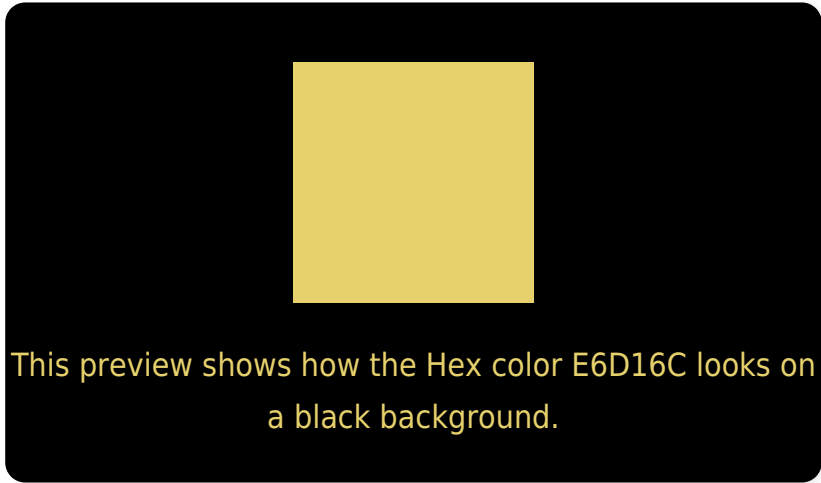
Large Text (above 18pt) WCAG AA × Fail

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 E6D16C Background



This preview shows how black text looks on a background with the Hex color E6D16C.

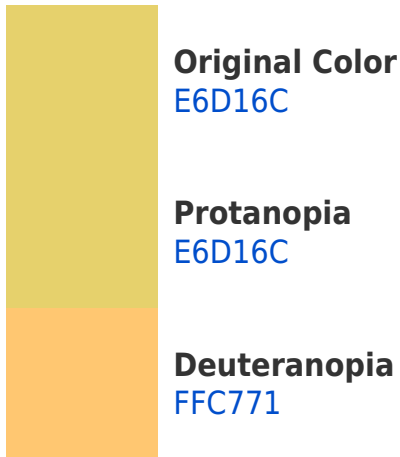


This preview shows how white text looks on a background with the Hex color E6D16C.

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](#).

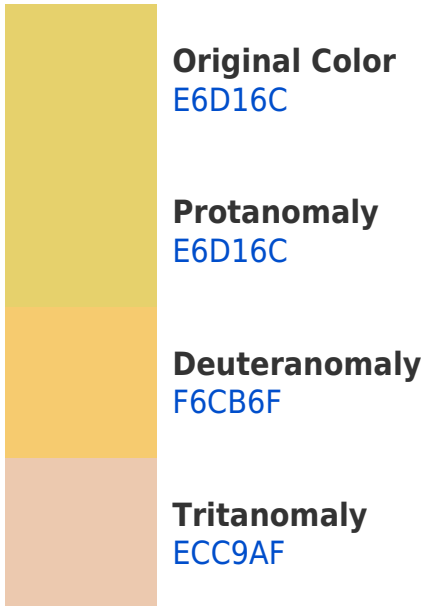
Dichromacy



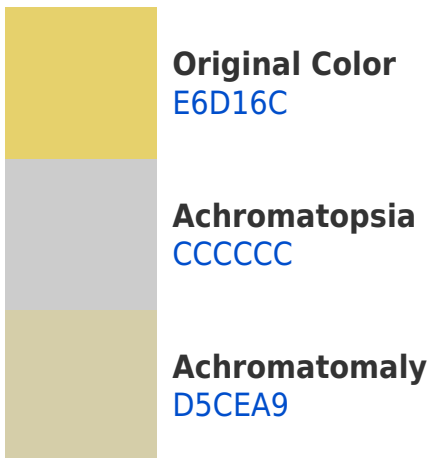


Tritanopia
F0C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6D16C 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 #E6D16C looks like.

```
.text, #text, p{  
    color:#E6D16C  
}
```

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 #E6D16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6D16C
}
```

Border

The CSS property to change the border of an element to Hex E6D16C 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
#E6D16C }
```

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

```
.border{ border-color:#E6D16C }
```

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

Here you see how a box with a 4 pixel #E6D16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6D16C; -webkit-box-shadow:4px 4px  
4px 4px #E6D16C; box-shadow:4px 4px 4px  
4px #E6D16C }
```

Background

The CSS property to change the background color of an element to Hex E6D16C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6D16C }
```

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

```
.background{ background-color:#E6D16C }
```

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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