

Converting Colors

Hex(E6C930)

Have a look what the booklet for
Hex(E6C930) contains.

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Color

Hex(E6C930)

Conversions

Conversions Part 1

Format	Color
Hex	E6C930
RGB	230, 201, 48
RGB Percent	90%, 79%, 19%
CMY	0.0980, 0.2118, 0.8118
CMYK	0.00, 0.13, 0.79, 0.10
HSL	50°, 78%, 55%
HSV	50°, 79%, 90%
XYZ	54.0533, 58.8097, 11.2988
YIQ	192.2290, 66.3970, -41.4350

Conversions

Conversions Part 2

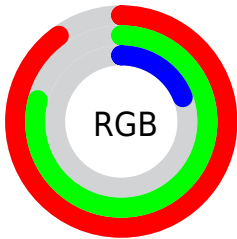
Format	Color
R_{YB}	82, 230, 48
Decimal	15124784
CIE Lab	81.19, -4.66, 73.58
CIE LCh	81, 73.727, 93.622
Yxy	58.8097, 0.4353, 0.4737
Android (android.graphics.Color)	4293314864 (0xFFE6C930)
YUV	192.2290, -71.1049, 33.1252
Hunter-Lab	76.6875, -8.3871, 44.9457

Details

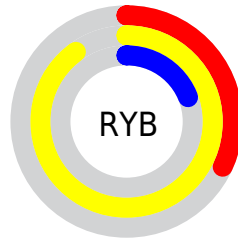
The Hex color **E6C930** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **304DE6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF6B**, and **AA9300** is the 20% darker color. If you saturate the color by 10%, you get **E6C519**, and if you desaturate by 10%, it is **E6CD47**.

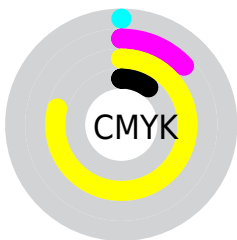
Distribution



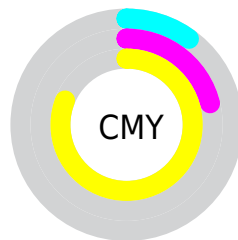
- Red (90%)
- Green (79%)
- Blue (19%)



- Red (32%)
- Yellow (90%)
- Blue (19%)



- Cyan (0%)
- Magenta (13%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6C930 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 E6C930 by changing the saturation by 10% instead.

 E6C930

 E6C930

FFFFFF

 C8AE00


 FFFF6B

 AA9300

 FFFF87

 8D7A00

 FFFFA4

 716100

 FFFF C1

 554A00

 FFFF DE

 3A3400

 FFFF FB

 211F00

 000800

 000000

 E6C930

 E6C930

 E6C519

 E6CD47

 E6C202

 E6D05E

 E6C100

 E6D475

 E6D88C

 E6DBA3

 E6DFBA

 E6E3D1

 E6E6E8

 E6EAFF

Harmonies

Analogous

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



FFAF4B



E6C930



9FDB4D

Triad

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



E6C930



00E9FF



FF97FF

Complementary

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



E6C930



304DE6

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.



D6B4FF



E6C930



00E1FF

Square

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



E6C930



00EBD0



23CFFF



FF88C4

Rectangle

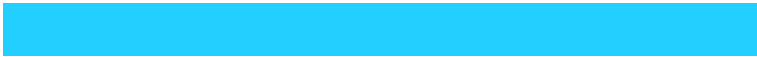
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6C930



5EE373



23CFFF



FFA0FF

Sweetspot

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



E6C930



FFF5C2



E6304E



807A5B



000000



808080

Same Dimension

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



E6C930



FFD80D



A9E630



737167



B39600



332B00

Inverse Universe

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



304DE6



0D33FF



6D30E6



676973



001CB3



000833

Previews

White Background



This preview shows how the Hex color E6C930 looks on a white background.

Color Contrast Check

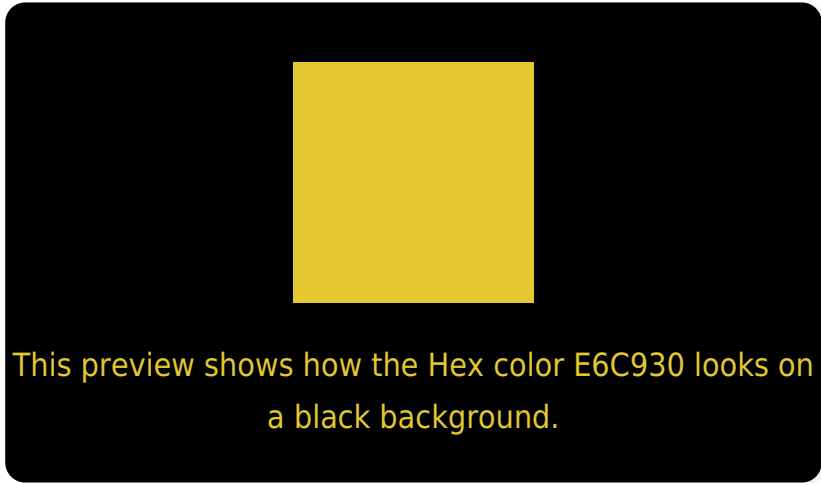
Large Text (above 18pt) WCAG AA × Fail

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 E6C930 Background



This preview shows how black text looks on a background with the Hex color E6C930.

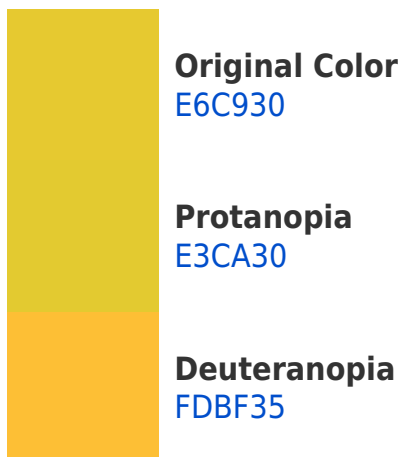


This preview shows how white text looks on a background with the Hex color E6C930.

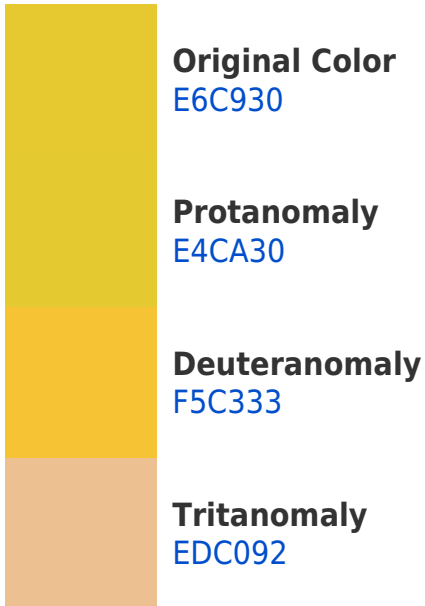
Color Blindness Simulation

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 E6C930 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 #E6C930 looks like.

```
.text, #text, p{  
    color:#E6C930  
}
```

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 #E6C930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6C930
}
```

Border

The CSS property to change the border of an element to Hex E6C930 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
#E6C930 }
```

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

```
.border{ border-color:#E6C930 }
```

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

Here you see how a box with a 4 pixel #E6C930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6C930; -webkit-box-shadow:4px 4px  
4px 4px #E6C930; box-shadow:4px 4px 4px  
4px #E6C930 }
```

Background

The CSS property to change the background color of an element to Hex E6C930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6C930 }
```

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

```
.background{ background-color:#E6C930 }
```

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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