

Converting Colors

Hex(E0C94C)

Have a look what the booklet for
Hex(E0C94C) contains.

Hex(E0C94C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0C94C)

Conversions

Conversions Part 1

Format	Color
Hex	E0C94C
RGB	224, 201, 76
RGB Percent	88%, 79%, 30%
CMY	0.1216, 0.2118, 0.7020
CMYK	0.00, 0.10, 0.66, 0.12
HSL	51°, 70%, 59%
HSV	51°, 66%, 88%
XYZ	52.9316, 58.1424, 15.2703
YIQ	193.6270, 53.8330, -33.9990

Conversions

Conversions Part 2

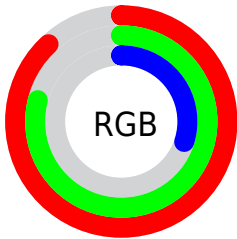
Format	Color
RYB	103, 224, 76
Decimal	14731596
CIELab	80.82, -5.95, 63.02
CIELCh	81, 63.297, 95.396
Yxy	58.1424, 0.4189, 0.4602
Android (android.graphics.Color)	4292921676 (0xFFE0C94C)
YUV	193.6270, -57.9901, 26.6371
Hunter-Lab	76.2512, -9.5293, 41.5022

Details

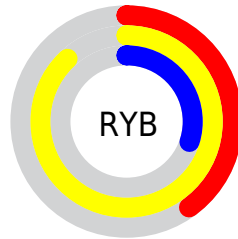
The Hex color **E0C94C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4C63E0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF83**, and **A5930B** is the 20% darker color. If you saturate the color by 10%, you get **E0C636**, and if you desaturate by 10%, it is **E0CC62**.

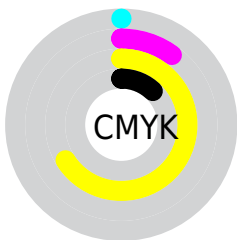
Distribution



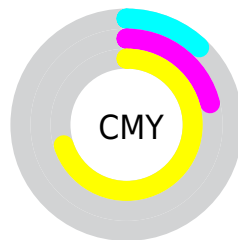
- Red (88%)
- Green (79%)
- Blue (30%)



- Red (40%)
- Yellow (88%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0C94C 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 E0C94C by changing the saturation by 10% instead.

 E0C94C

 E0C94C

FFFFFF

 C2AE30

 FFFF83

 A5930B

 FFFF9E

 897A00

 FFFFBA


 6D6100

 FFFF7D

 524A00

 FFFFF4

 373400

 1F1F00

 000600

 000000

 E0C94C

 E0C94C

 E0C636

 E0CC62

 E0C21F

 E0D079

 E0BF09

 E0D38F

 E0BD00

 E0D7A6

 E0DABC

 E0DED2

 E0E1E9

 E0E5FF

 E0E8FF

Harmonies

Analogous

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



FFB45C



E0C94C



A2D963

Triad

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



E0C94C



00E4FF



FF9EFB

Complementary

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



E0C94C



4C63E0

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.



DAB5FF



E0C94C



00DCFF

Square

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



E0C94C



00E6D2



6CCCF



FF94C0

Rectangle

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



E0C94C



6DE083



6CCCFE



FFA5FF

Sweetspot

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



E0C94C



FFF7CC



E04C65



807B61



000000



808080

Same Dimension

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



E0C94C



FFE036



AFE04C



706E65



B09500



302900

Inverse Universe

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



4C63E0



3655FF



7D4CE0



656770



001BB0



000830

Previews

White Background



This preview shows how the Hex color E0C94C looks on a white background.

Color Contrast Check

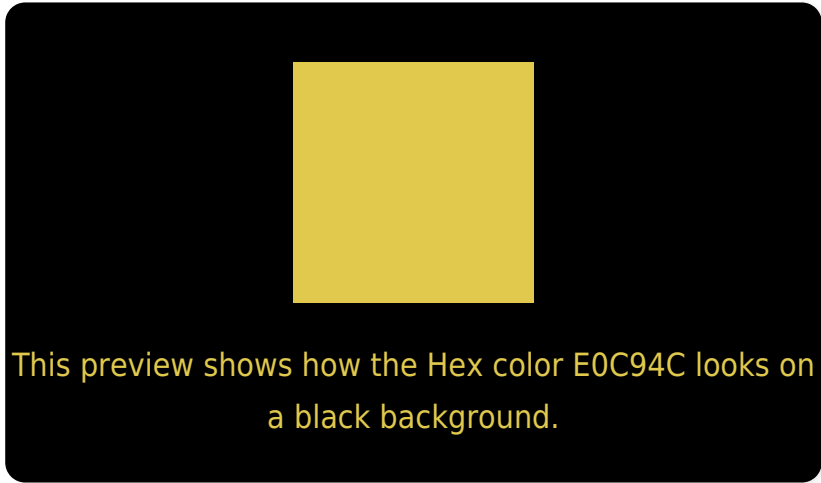
Large Text (above 18pt) WCAG AA × Fail

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 E0C94C Background



This preview shows how black text looks on a background with the Hex color E0C94C.

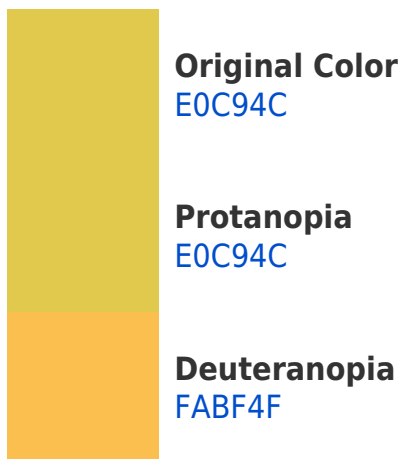


This preview shows how white text looks on a background with the Hex color E0C94C.

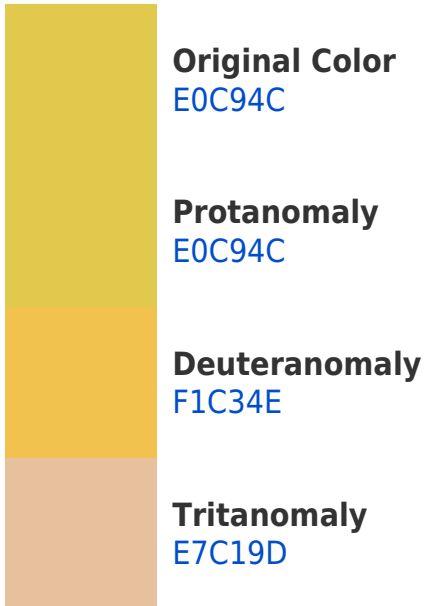
Color Blindness Simulation

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](#).

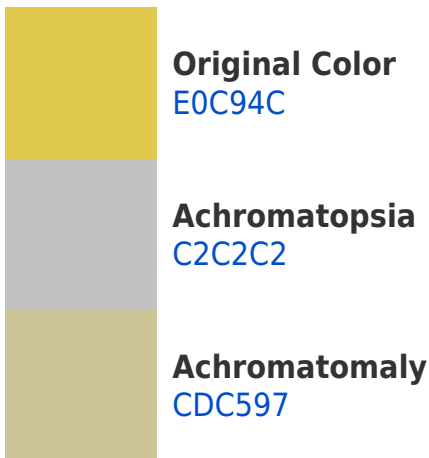
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0C94C 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 #E0C94C looks like.

```
.text, #text, p{  
    color:#E0C94C  
}
```

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 #E0C94C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C94C  
}
```

Border

The CSS property to change the border of an element to Hex E0C94C 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  
#E0C94C }
```

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

```
.border{ border-color:#E0C94C }
```

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

Here you see how a box with a 4 pixel #E0C94C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C94C; -webkit-box-shadow:4px 4px  
4px 4px #E0C94C; box-shadow:4px 4px 4px  
4px #E0C94C }
```

Background

The CSS property to change the background color of an element to Hex E0C94C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C94C }
```

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

```
.background{ background-color:#E0C94C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor