

Converting Colors

Hex(E0C636)

Have a look what the booklet for
Hex(E0C636) contains.

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Color

Hex(E0C636)

Conversions

Conversions Part 1

Format	Color
Hex	E0C636
RGB	224, 198, 54
RGB Percent	88%, 78%, 21%
CMY	0.1216, 0.2235, 0.7882
CMYK	0.00, 0.12, 0.76, 0.12
HSL	51°, 73%, 55%
HSV	51°, 76%, 88%
XYZ	51.6004, 56.5018, 11.6763
YIQ	189.3580, 61.7200, -39.2720

Conversions

Conversions Part 2

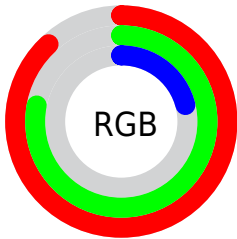
Format	Color
RYB	85, 224, 54
Decimal	14730806
CIELab	79.90, -5.47, 70.32
CIELCh	80, 70.535, 94.446
Yxy	56.5018, 0.4308, 0.4717
Android (android.graphics.Color)	4292920886 (0xFFE0C636)
YUV	189.3580, -66.7315, 30.3810
Hunter-Lab	75.1677, -9.0084, 43.4074

Details

The Hex color **E0C636** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3650E0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFE6F**, and **A59100** is the 20% darker color. If you saturate the color by 10%, you get **E0C320**, and if you desaturate by 10%, it is **E0C94C**.

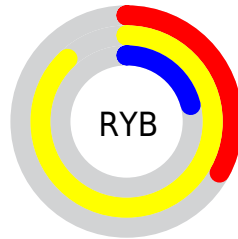
Distribution



Red (88%)

Green (78%)

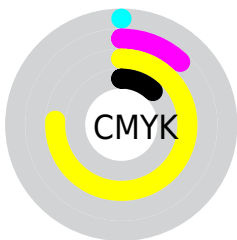
Blue (21%)



Red (33%)

Yellow (88%)

Blue (21%)

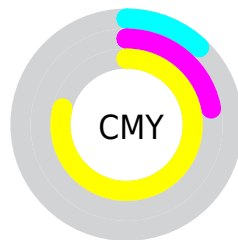


Cyan (0%)

Magenta (12%)

Yellow (76%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0C636 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 E0C636 by changing the saturation by 10% instead.

 E0C636

 E0C636

FFFFFF

 C2AB11

 FFFE6F

 A59100

 FFFF8B

 887700

 FFFFA8

 6C5F00

 FFFF84

 504700

 FFFFE1

 363100

 1D1D00

 000000

 E0C636

 E0C636

 E0C320

 E0C94C

 E0BF09

 E0CD63

 E0BE00

 E0D079

 E0D490

 E0D7A6

 E0DBBC

 E0DED3

 E0E1E9

 E0E5FF

Harmonies

Analogous

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



FFAE4C



E0C636



9CD752

Triad

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



E0C636



00E4FF



FF95FF

Complementary

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



E0C636



3650E0

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.



D5B1FF



E0C636



00DCFF

Square

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



E0C636



00E6CE



41CAFF



FF89BF

Rectangle

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



E0C636



5EDF76



41CAFF



FF9EFF

Sweetspot

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



E0C636



FFF6C4



E03652



807A5C



000000



808080

Same Dimension

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



E0C636



FFDC17



A7E036



706E65



B09500



302900

Inverse Universe

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



3650E0



173AFF



6F36E0



656770



001BB0



000730

Previews

White Background



This preview shows how the Hex color E0C636 looks on a white background.

Color Contrast Check

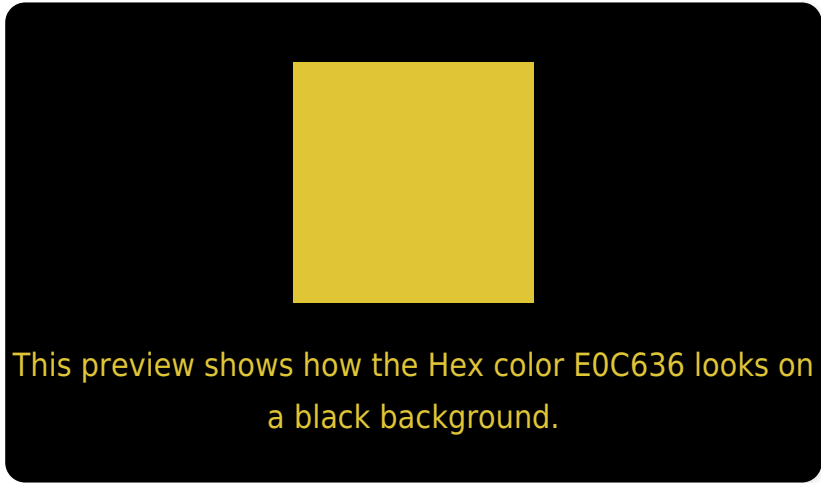
Large Text (above 18pt) WCAG AA × Fail

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 E0C636 Background



This preview shows how black text looks on a background with the Hex color E0C636.



This preview shows how white text looks on a background with the Hex color E0C636.

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
E0C636

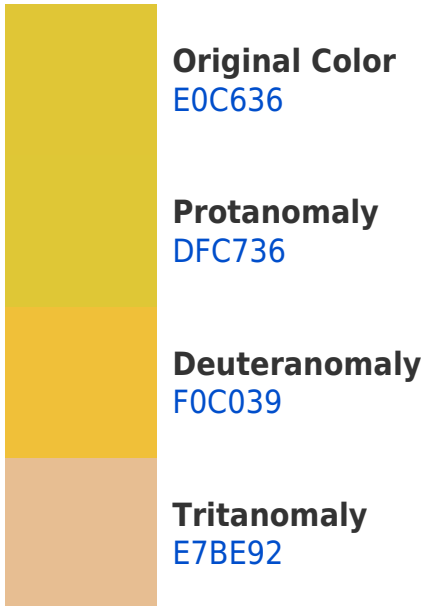
Protanopia
DEC736

Deuteranopia
F9BC3A

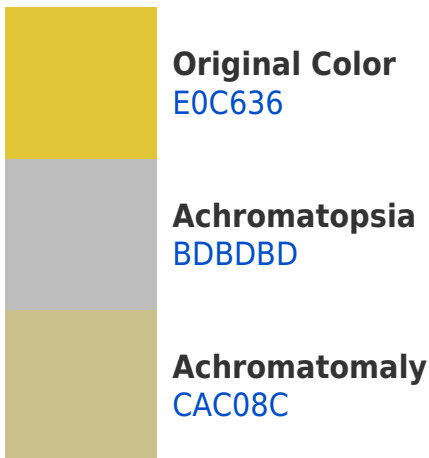


Tritanopia
EBB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0C636 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 #E0C636 looks like.

```
.text, #text, p{  
    color:#E0C636  
}
```

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 #E0C636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C636
}
```

Border

The CSS property to change the border of an element to Hex E0C636 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
#E0C636 }
```

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

```
.border{ border-color:#E0C636 }
```

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

Here you see how a box with a 4 pixel #E0C636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C636; -webkit-box-shadow:4px 4px  
4px 4px #E0C636; box-shadow:4px 4px 4px  
4px #E0C636 }
```

Background

The CSS property to change the background color of an element to Hex E0C636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C636 }
```

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

```
.background{ background-color:#E0C636 }
```

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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