

Converting Colors

Hex(E0D410)

Have a look what the booklet for
Hex(E0D410) contains.

Hex(E0D410)	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(E0D410)

Conversions

Conversions Part 1

Format	Color
Hex	E0D410
RGB	224, 212, 16
RGB Percent	88%, 83%, 6%
CMY	0.1216, 0.1686, 0.9373
CMYK	0.00, 0.05, 0.93, 0.12
HSL	57°, 87%, 47%
HSV	57°, 93%, 88%
XYZ	54.3775, 62.9717, 9.7790
YIQ	193.2440, 70.0680, -58.4120

Conversions

Conversions Part 2

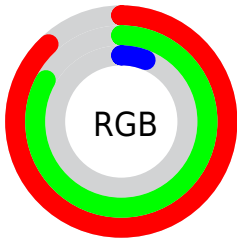
Format	Color
RYB	29, 224, 16
Decimal	14734352
CIELab	83.43, -13.49, 81.86
CIELCh	83, 82.965, 99.357
Yxy	62.9717, 0.4277, 0.4953
Android (android.graphics.Color)	4292924432 (0xFFE0D410)
YUV	193.2440, -87.3813, 26.9730
Hunter-Lab	79.3547, -16.5543, 48.2419

Details

The Hex color **E0D410** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **101CE0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF5B**, and **A49E00** is the 20% darker color. If you saturate the color by 10%, you get **E0D300**, and if you desaturate by 10%, it is **E0D526**.

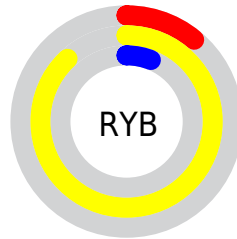
Distribution



Red (88%)

Green (83%)

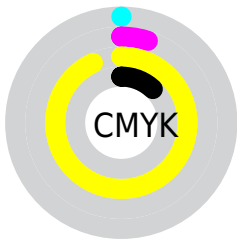
Blue (6%)



Red (11%)

Yellow (88%)

Blue (6%)

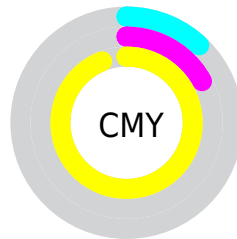


Cyan (0%)

Magenta (5%)

Yellow (93%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0D410 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 E0D410 by changing the saturation by 10% instead.

 E0D410

 E0D410

FFFFFF

 C2B900

 FFFF5B

 A49E00

 FFFF79

 878400

 FFFF96

 6A6B00

 FFFFB3

 4E5300

 FFFFD1

 343C00

 FFFFEE

 1B2700

 001400

 000000

 E0D410

 E0D410

 E0D300

 E0D526

 E0D73D

 E0D853

 E0D96A

 E0DA80

 E0DC96

 E0DDAD

 E0DEC3

 E0E0DA

Harmonies

Analogous

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



FFB831



E0D410



8BE74C

Triad

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



E0D410



00F2FF



FF8EFF

Complementary

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



E0D410



101CE0

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.



F2B0FF



E0D410



00E7FF

Square

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



E0D410



00F5E7



44D1FF



FF82BB

Rectangle

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



E0D410



17EE7C



44D1FF



FF98FF

Sweetspot

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



E0D410



FFFBB8



E0101E



807D54



000000



808080

Same Dimension

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



E0D410



FFF000



86E010



707065



B0A600



302E00

Inverse Universe

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



101CE0



000FFF



6A10E0



656670



000AB0



000330

Previews

White Background



This preview shows how the Hex color E0D410 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



This preview shows how the Hex color E0D410 looks on a 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 E0D410 Background



This preview shows how black text looks on a background with the Hex color E0D410.



This preview shows how white text looks on a background with the Hex color E0D410.

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

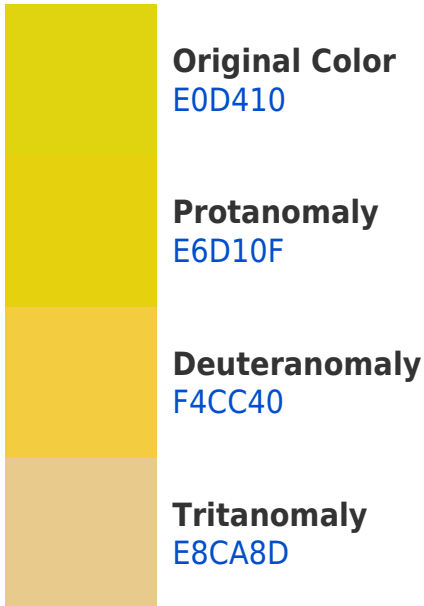


Original Color
E0D410

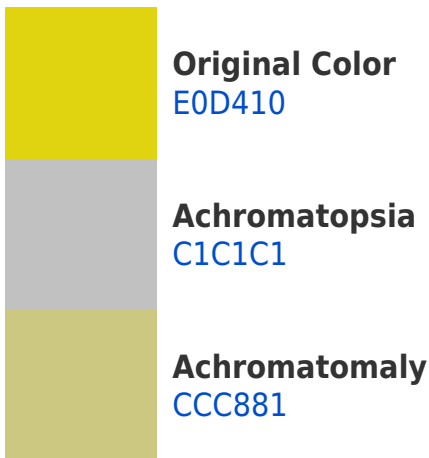
Protanopia
EAD00E

Deuteranopia
FFC75C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0D410 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 #E0D410 looks like.

```
.text, #text, p{  
    color:#E0D410  
}
```

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 #E0D410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0D410
}
```

Border

The CSS property to change the border of an element to Hex E0D410 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
#E0D410 }
```

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

```
.border{ border-color:#E0D410 }
```

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

Here you see how a box with a 4 pixel #E0D410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0D410; -webkit-box-shadow:4px 4px  
4px 4px #E0D410; box-shadow:4px 4px 4px  
4px #E0D410 }
```

Background

The CSS property to change the background color of an element to Hex E0D410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0D410 }
```

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

```
.background{ background-color:#E0D410 }
```

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