

# Converting Colors

Hex(E1C630)

Have a look what the booklet for  
Hex(E1C630) contains.

<b>Hex(E1C630)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E1C630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C630
RGB	225, 198, 48
RGB Percent	88%, 78%, 19%
CMY	0.1176, 0.2235, 0.8118
CMYK	0.00, 0.12, 0.79, 0.12
HSL	51°, 75%, 54%
HSV	51°, 79%, 88%
XYZ	51.7789, 56.6091, 10.9939
YIQ	188.9730, 64.2420, -40.9260

# Conversions

## Conversions Part 2

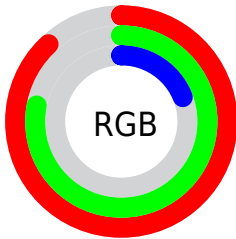
Format	Color
<b>RYB</b>	80, 225, 48
Decimal	14796336
CIELab	79.96, -5.26, 72.32
CIELCh	80, 72.507, 94.159
Yxy	56.6091, 0.4337, 0.4742
Android (android.graphics.Color)	4292986416 (0xFFE1C630)
YUV	188.9730, -69.4997, 31.5957
Hunter-Lab	75.2390, -8.8260, 44.0039

# Details

The Hex color **E1C630** 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 **304BE1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFE6B**, and **A59100** is the 20% darker color. If you saturate the color by 10%, you get **E1C31A**, and if you desaturate by 10%, it is **E1C947**.

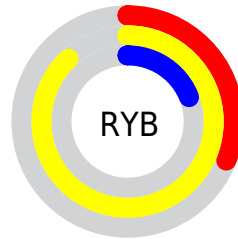
# Distribution



Red (88%)

Green (78%)

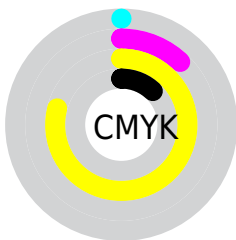
Blue (19%)



Red (31%)

Yellow (88%)

Blue (19%)

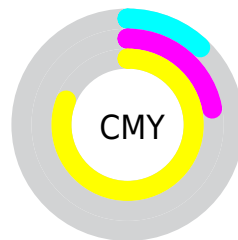


Cyan (0%)

Magenta (12%)

Yellow (79%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1C630 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 E1C630 by changing the saturation by 10% instead.



 E1C630

 E1C630

FFFFFF

 C3AB02

 FFFE6B

 A59100

 FFFF87

 887700

 FFFFA3

 6C5F00

 FFFF00

 504700

 FFFFDD

 363100

 FFFFFB

 1E1D00

 000000

 E1C630

 E1C630

 E1C31A

 E1C947

 E1BF03

 E1CD5D

 E1BF00

 E1D074

 E1D48A

 E1D7A1

 E1DBB7

 E1DECE

 E1E1E4

 E1E5FB

# Harmonies

## Analogous

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



FFAD49



E1C630



9BD84D

# Triad

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



E1C630



00E5FF



FF94FF

# Complementary

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



E1C630



304BE1

# 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.



D5B0FF



E1C630



00DDFF

# Square

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



E1C630



00E7CE



2FCBFF



FF86C0

# Rectangle

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



E1C630



5BE073



2FCBFF



FF9DFF



# Sweetspot

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



E1C630



FFF6C2



E1304E



807A5B



000000



808080



# Same Dimension

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



E1C630



FFDA0F



A6E130



706E65



B09500



302900



# Inverse Universe

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



304BE1



0F34FF



6B30E1



656770



001BB0



000730



# Previews

## White Background



This preview shows how the Hex color E1C630 looks on a white background.

## Color Contrast Check

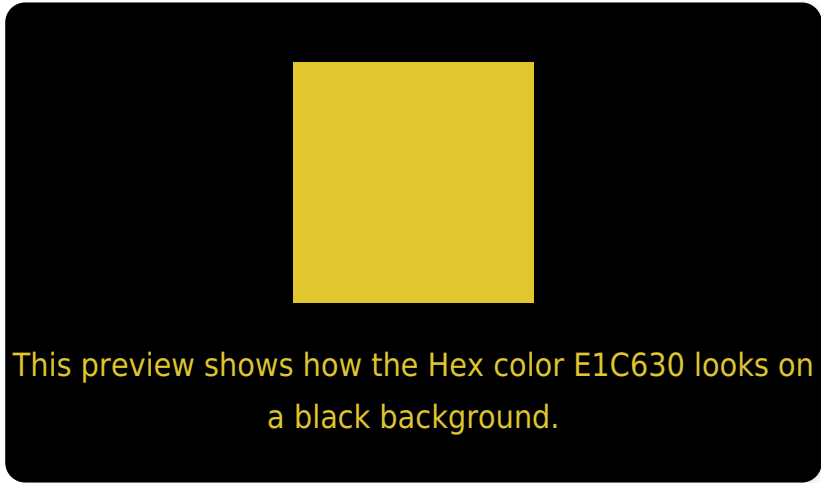
Large Text (above 18pt) WCAG AA × Fail

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 E1C630 Background



This preview shows how black text looks on a background with the Hex color E1C630.



This preview shows how white text looks on a background with the Hex color E1C630.

# 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**  
E1C630

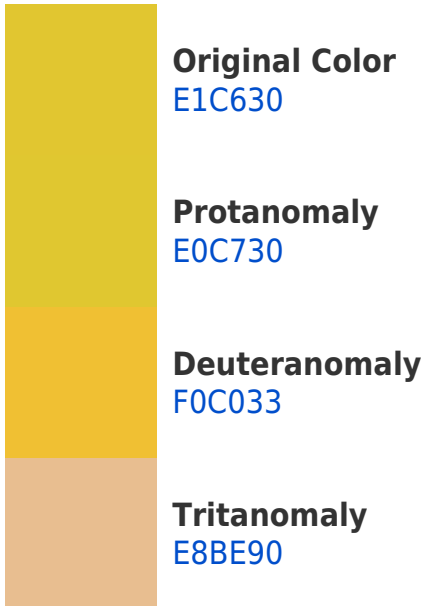
**Protanopia**  
DFC730

**Deuteranopia**  
F9BC35

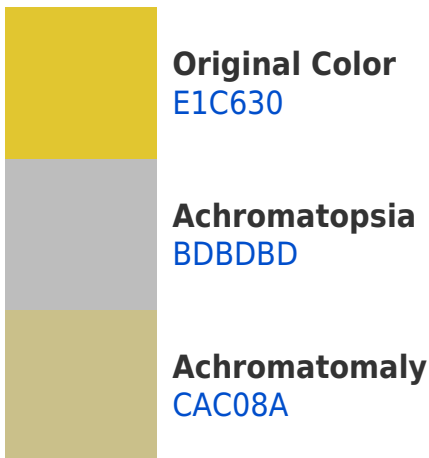


**Tritanopia**  
ECB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1C630 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 #E1C630 looks like.

```
.text, #text, p{  
    color:#E1C630  
}
```

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 #E1C630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1C630  
}
```

## Border

The CSS property to change the border of an element to Hex E1C630 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  
#E1C630 }
```

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

```
.border{ border-color:#E1C630 }
```

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

Here you see how a box with a 4 pixel #E1C630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1C630; -webkit-box-shadow:4px 4px  
4px 4px #E1C630; box-shadow:4px 4px 4px  
4px #E1C630 }
```

# Background

The CSS property to change the background color of an element to Hex E1C630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1C630 }
```

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

```
.background{ background-color:#E1C630 }
```

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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