

Converting Colors

Hex(E0C53D)

Have a look what the booklet for
Hex(E0C53D) contains.

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Color

Hex(E0C53D)

Conversions

Conversions Part 1

Format	Color
Hex	E0C53D
RGB	224, 197, 61
RGB Percent	88%, 77%, 24%
CMY	0.1216, 0.2275, 0.7608
CMYK	0.00, 0.12, 0.73, 0.12
HSL	50°, 72%, 56%
HSV	50°, 73%, 88%
XYZ	51.5490, 56.1167, 12.5296
YIQ	189.5690, 59.7480, -36.5720

Conversions

Conversions Part 2

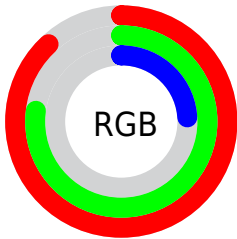
Format	Color
R _Y B	93, 224, 61
Decimal	14730557
CIE Lab	79.68, -4.66, 67.69
CIE LCh	80, 67.847, 93.940
Yxy	56.1167, 0.4289, 0.4669
Android (android.graphics.Color)	4292920637 (0xFFE0C53D)
YUV	189.5690, -63.3845, 30.1960
Hunter-Lab	74.9111, -8.2621, 42.5210

Details

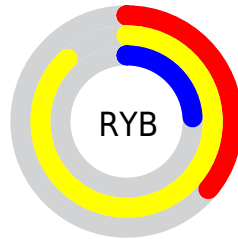
The Hex color **E0C53D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3D58E0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFD75**, and **A59000** is the 20% darker color. If you saturate the color by 10%, you get **E0C127**, and if you desaturate by 10%, it is **E0C953**.

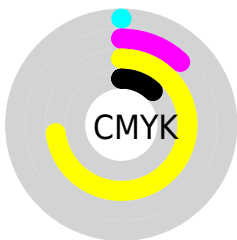
Distribution



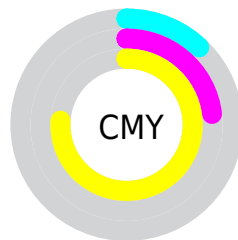
- Red (88%)
- Green (77%)
- Blue (24%)



- Red (36%)
- Yellow (88%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (73%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0C53D 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 E0C53D by changing the saturation by 10% instead.

 E0C53D

 E0C53D

FFFFFF

 C2AA1D

 FFFD75

 A59000

 FFFF91

 887600

 FFFFAD

 6C5E00

 FFFFC9

 504700

 FFFFEE

 363100

 1E1C00

 000000

 E0C53D

 E0C53D

 E0C127

 E0C953

 E0BE10

 E0CC6A

 E0BB00

 E0D080

 E0D497

 E0D8AD

 E0DBC3

 E0DFDA

 E0E3F0

 E0E6FF

Harmonies

Analogous

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



FFAE52



E0C53D



9FD656

Triad

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



E0C53D



00E3FF



FF98FE

Complementary

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



E0C53D



3D58E0

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.



D3B1FF



E0C53D



00DBFF

Square

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



E0C53D



00E4CC



4BCAFF



FF8CC0

Rectangle

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



E0C53D



65DE77



4BCAFF



FFA0FF

Sweetspot

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



E0C53D



FFF6C7



E03D58



807A5E



000000



808080

Same Dimension

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



E0C53D



FFDA21



AAE03D



706E65



B09300



302800

Inverse Universe

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



3D58E0



2146FF



733DE0



656770



001DB0



000830

Previews

White Background



This preview shows how the Hex color E0C53D looks on a white background.

Color Contrast Check

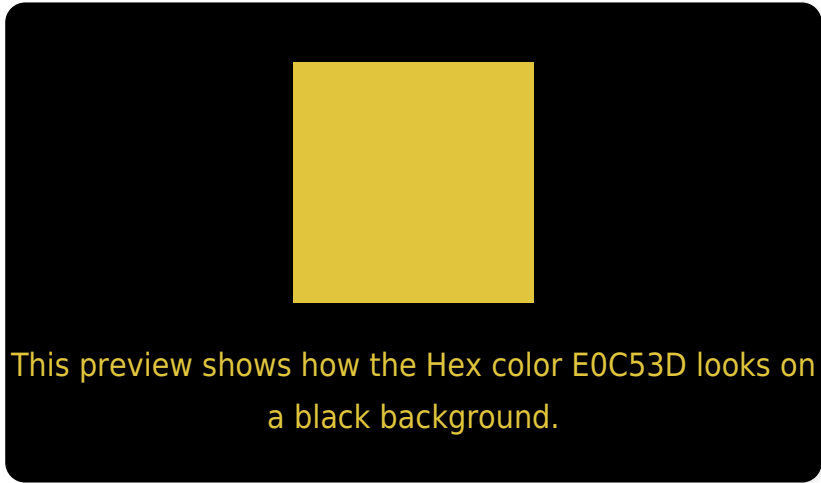
Large Text (above 18pt) WCAG AA × Fail

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 E0C53D Background



This preview shows how black text looks on a background with the Hex color E0C53D.



This preview shows how white text looks on a background with the Hex color E0C53D.

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
E0C53D

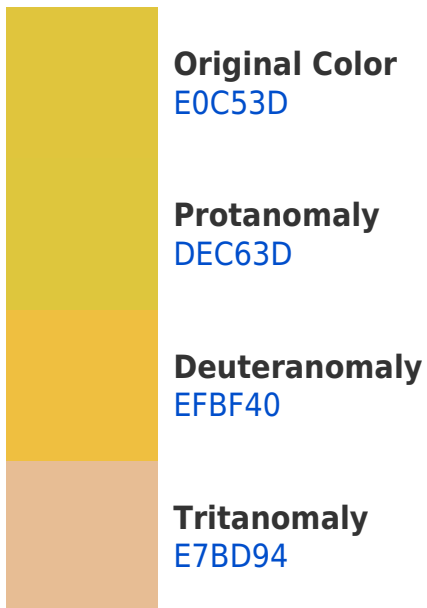
Protanopia
DDC63D

Deuteranopia
F7BC41

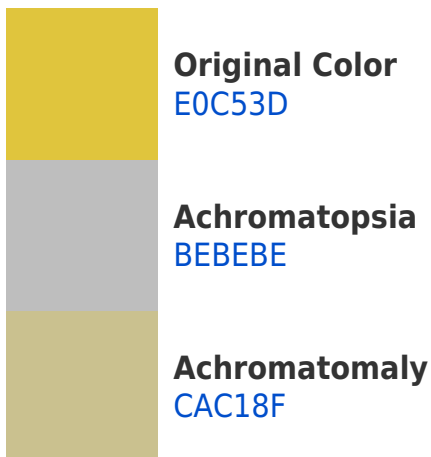


Tritanopia
EBB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0C53D 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 #E0C53D looks like.

```
.text, #text, p{  
    color:#E0C53D  
}
```

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 #E0C53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C53D
}
```

Border

The CSS property to change the border of an element to Hex E0C53D 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
#E0C53D }
```

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

```
.border{ border-color:#E0C53D }
```

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

Here you see how a box with a 4 pixel #E0C53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C53D; -webkit-box-shadow:4px 4px  
4px 4px #E0C53D; box-shadow:4px 4px 4px  
4px #E0C53D }
```

Background

The CSS property to change the background color of an element to Hex E0C53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C53D }
```

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

```
.background{ background-color:#E0C53D }
```

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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