

Converting Colors

Hex(E6CD24)

Have a look what the booklet for
Hex(E6CD24) contains.

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Color

Hex(E6CD24)

Conversions

Conversions Part 1

Format	Color
Hex	E6CD24
RGB	230, 205, 36
RGB Percent	90%, 80%, 14%
CMY	0.0980, 0.1961, 0.8588
CMYK	0.00, 0.11, 0.84, 0.10
HSL	52°, 80%, 52%
HSV	52°, 84%, 90%
XYZ	54.7829, 60.6130, 10.4812
YIQ	193.2090, 69.1490, -47.2590

Conversions

Conversions Part 2

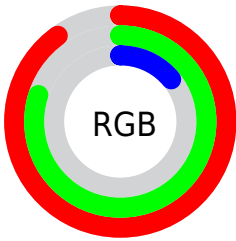
Format	Color
RYB	65, 230, 36
Decimal	15125796
CIELab	82.17, -7.04, 77.60
CIELCh	82, 77.918, 95.184
Yxy	60.6130, 0.4352, 0.4815
Android (android.graphics.Color)	4293315876 (0xFFE6CD24)
YUV	193.2090, -77.5040, 32.2657
Hunter-Lab	77.8544, -10.6421, 46.5161

Details

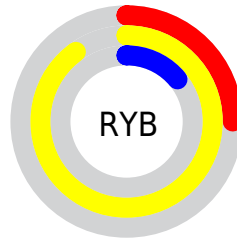
The Hex color **E6CD24** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **243DE6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF64**, and **AA9700** is the 20% darker color. If you saturate the color by 10%, you get **E6CA0D**, and if you desaturate by 10%, it is **E6D03B**.

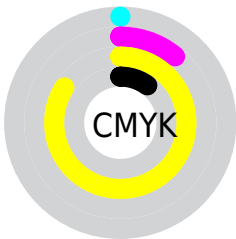
Distribution



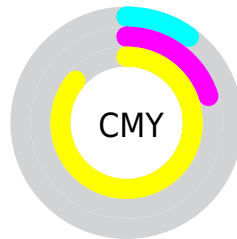
- Red (90%)
- Green (80%)
- Blue (14%)



- Red (25%)
- Yellow (90%)
- Blue (14%)



- Cyan (0%)
- Magenta (11%)
- Yellow (84%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6CD24 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 E6CD24 by changing the saturation by 10% instead.

 E6CD24

 E6CD24

FFFFFF

 C8B200

 FFFF64

 AA9700

 FFFF80

 8D7E00

 FFFF9D

 706500

 FFFFBA

 544D00

 FFFFD7

 393700

 FFFFF5

 212200

 000D00

 000000

 E6CD24

 E6CD24

 E6CA0D

 E6D03B

 E6C800

 E6D352

 E6D669

 E6D980

 E6DC97

 E6DFAE

 E6E2C5

 E6E5DC

 E6E8F3

Harmonies

Analogous

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



FFB242



E6CD24



9AE04A

Triad

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



E6CD24



00EDFF



FF94FF

Complementary

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



E6CD24



243DE6

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.



DFB3FF



E6CD24



00E4FF

Square

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



E6CD24



00EFD7



18D1FF



FF85C3

Rectangle

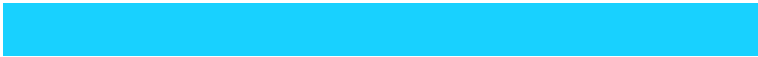
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6CD24



4FE874



18D1FF



FF9EFF

Sweetspot

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



E6CD24



FFF7BF



E6243E



807B59



000000



808080

Same Dimension

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



E6CD24



FFDE00



9FE624



737167



B39B00



332C00

Inverse Universe

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



243DE6



0021FF



6B24E6



676973



0017B3



000733

Previews

White Background



This preview shows how the Hex color E6CD24 looks on a white background.

Color Contrast Check

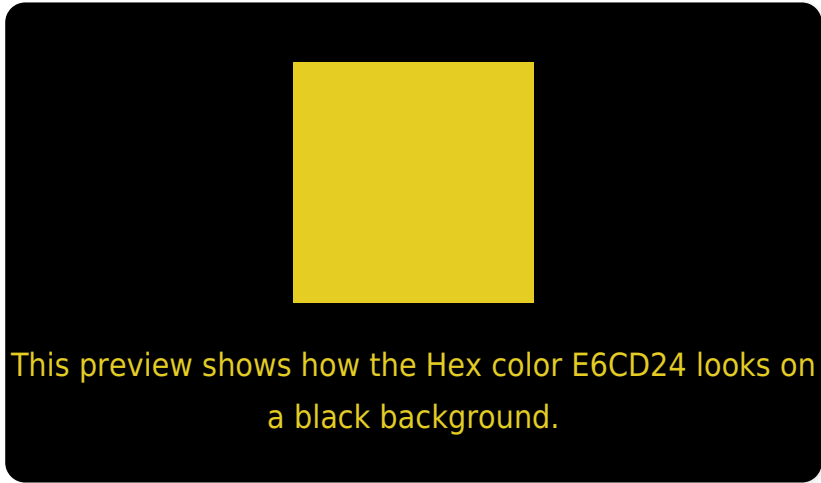
Large Text (above 18pt) WCAG AA × Fail

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 E6CD24 Background



This preview shows how black text looks on a background with the Hex color E6CD24.

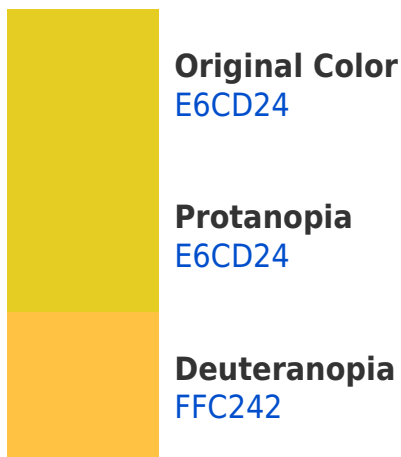


This preview shows how white text looks on a background with the Hex color E6CD24.

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](#).

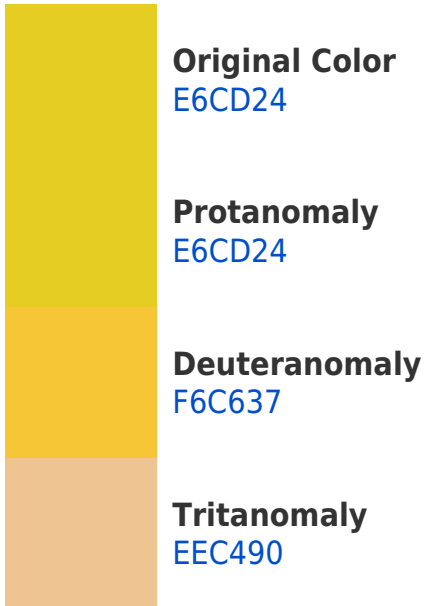
Dichromacy



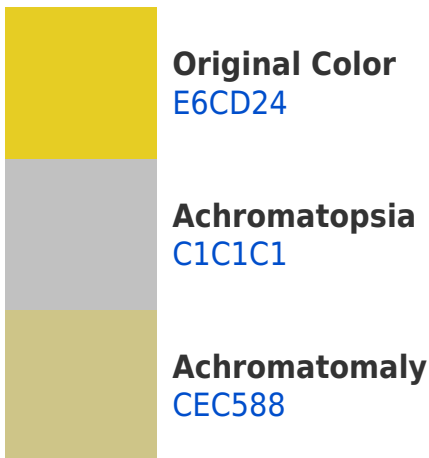


Tritanopia
F2BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6CD24 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 #E6CD24 looks like.

```
.text, #text, p{  
    color:#E6CD24  
}
```

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 #E6CD24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CD24
}
```

Border

The CSS property to change the border of an element to Hex E6CD24 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
#E6CD24 }
```

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

```
.border{ border-color:#E6CD24 }
```

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

Here you see how a box with a 4 pixel #E6CD24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CD24; -webkit-box-shadow:4px 4px  
4px 4px #E6CD24; box-shadow:4px 4px 4px  
4px #E6CD24 }
```

Background

The CSS property to change the background color of an element to Hex E6CD24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CD24 }
```

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

```
.background{ background-color:#E6CD24 }
```

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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