

Converting Colors

Hex(E6AD23)

Have a look what the booklet for
Hex(E6AD23) contains.

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Color

Hex(E6AD23)

Conversions

Conversions Part 1

Format	Color
Hex	E6AD23
RGB	230, 173, 35
RGB Percent	90%, 68%, 14%
CMY	0.0980, 0.3216, 0.8627
CMYK	0.00, 0.25, 0.85, 0.10
HSL	42°, 80%, 52%
HSV	42°, 85%, 90%
XYZ	47.8801, 46.8315, 8.1059
YIQ	174.3110, 78.2700, -30.8340

Conversions

Conversions Part 2

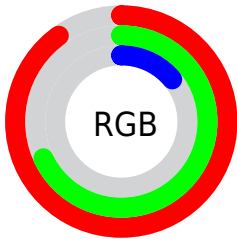
Format	Color
RYB	116, 230, 35
Decimal	15117603
CIELab	74.08, 9.56, 71.18
CIELCh	74, 71.817, 82.353
Yxy	46.8315, 0.4657, 0.4555
Android (android.graphics.Color)	4293307683 (0xFFE6AD23)
YUV	174.3110, -68.6803, 48.8393
Hunter-Lab	68.4335, 5.1303, 40.8806

Details

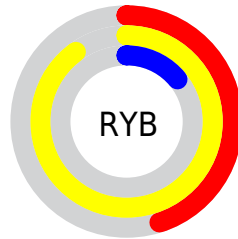
The Hex color **E6AD23** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **235CE6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE45F**, and **A97900** is the 20% darker color. If you saturate the color by 10%, you get **E6A60C**, and if you desaturate by 10%, it is **E6B43A**.

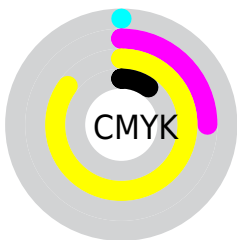
Distribution



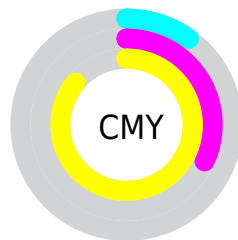
- Red (90%)
- Green (68%)
- Blue (14%)



- Red (45%)
- Yellow (90%)
- Blue (14%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6AD23 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 E6AD23 by changing the saturation by 10% instead.

 E6AD23

 E6AD23

FFFFFF

 C79300

 FFE45F

 A97900

 FFFF7B

 8C6000

 FFFF96

 6F4900

 FFFFB3

 533300

 FFFFD0

 381E00

 FFFFED

 200700

 000000

 E6AD23

 E6AD23

 E6A60C

 E6B43A

 E6A300

 E6BA51

 E6C168

 E6C87F

 E6CF96

 E6D5AD

 E6DCC4

 E6E3DB

 E6EAF2

Harmonies

Analogous

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



FF924E



E6AD23



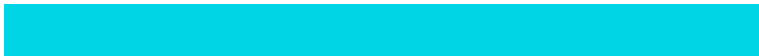
A8C12C

Triad

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



E6AD23



00D5E6



F68FFF

Complementary

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



E6AD23



235CE6

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.



97ACFF



E6AD23



00D0FF

Square

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



E6AD23



00D4A2



00C3FF



FF78CA

Rectangle

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



E6AD23



74CB4D



00C3FF



DC98FF

Sweetspot

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



E6AD23



FFECBF



E6235E



807459



000000



808080

Same Dimension

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



E6AD23



FFB400



BFE623



736F67



B37E00



332400

Inverse Universe

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



235CE6



004BFF



4A23E6



676B73



0034B3



000F33

Previews

White Background



This preview shows how the Hex color E6AD23 looks on a white background.

Color Contrast Check

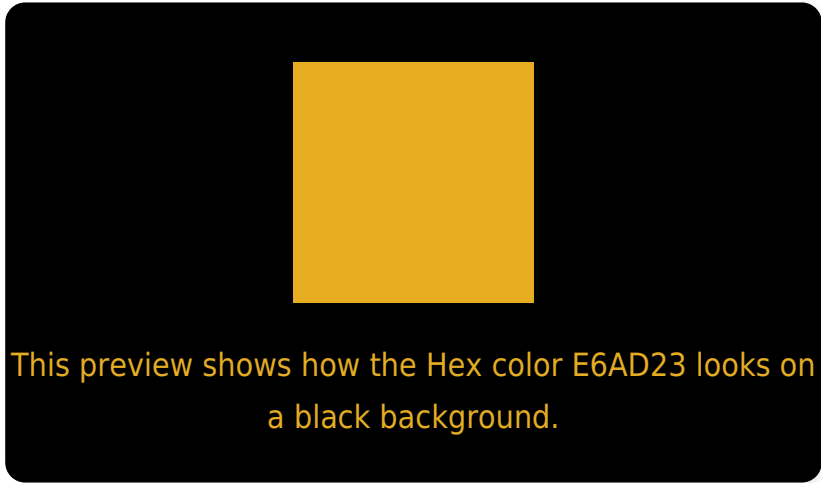
Large Text (above 18pt) WCAG AA × Fail

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 E6AD23 Background



This preview shows how black text looks on a background with the Hex color E6AD23.

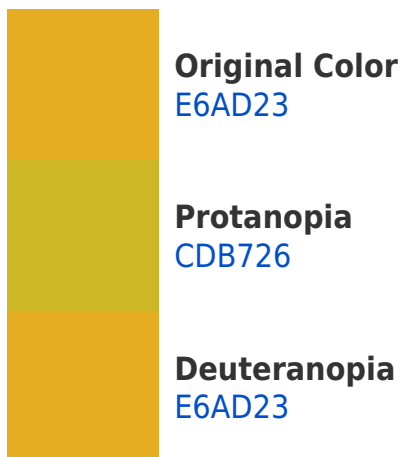


This preview shows how white text looks on a background with the Hex color E6AD23.

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](#).

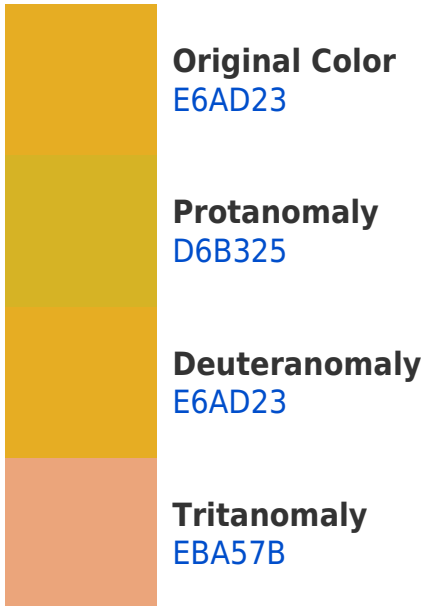
Dichromacy





Tritanopia
EEA1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6AD23 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 #E6AD23 looks like.

```
.text, #text, p{  
    color:#E6AD23  
}
```

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 #E6AD23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AD23
}
```

Border

The CSS property to change the border of an element to Hex E6AD23 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
#E6AD23 }
```

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

```
.border{ border-color:#E6AD23 }
```

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

Here you see how a box with a 4 pixel #E6AD23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AD23; -webkit-box-shadow:4px 4px  
4px 4px #E6AD23; box-shadow:4px 4px 4px  
4px #E6AD23 }
```

Background

The CSS property to change the background color of an element to Hex E6AD23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AD23 }
```

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

```
.background{ background-color:#E6AD23 }
```

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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