

Converting Colors

Hex(E6B243)

Have a look what the booklet for
Hex(E6B243) contains.

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Color

Hex(E6B243)

Conversions

Conversions Part 1

Format	Color
Hex	E6B243
RGB	230, 178, 67
RGB Percent	90%, 70%, 26%
CMY	0.0980, 0.3020, 0.7373
CMYK	0.00, 0.23, 0.71, 0.10
HSL	41°, 77%, 58%
HSV	41°, 71%, 90%
XYZ	49.5666, 49.0690, 12.1690
YIQ	180.8940, 66.6230, -23.4970

Conversions

Conversions Part 2

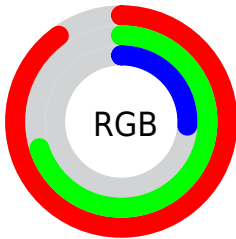
Format	Color
RYB	143, 230, 67
Decimal	15118915
CIELab	75.49, 8.09, 61.41
CIELCh	75, 61.941, 82.499
Yxy	49.0690, 0.4473, 0.4428
Android (android.graphics.Color)	4293308995 (0xFFE6B243)
YUV	180.8940, -56.1497, 43.0660
Hunter-Lab	70.0493, 3.7197, 38.7346

Details

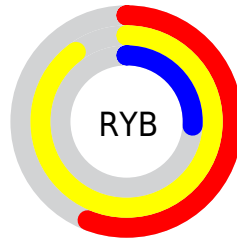
The Hex color **E6B243** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4377E6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE979**, and **AA7E00** is the 20% darker color. If you saturate the color by 10%, you get **E6AB2C**, and if you desaturate by 10%, it is **E6B95A**.

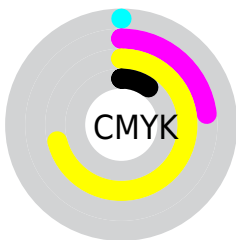
Distribution



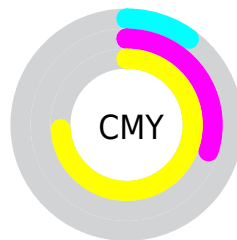
- Red (90%)
- Green (70%)
- Blue (26%)



- Red (56%)
- Yellow (90%)
- Blue (26%)



- Cyan (0%)
- Magenta (23%)
- Yellow (71%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6B243 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 E6B243 by changing the saturation by 10% instead.

 E6B243

 E6B243

FFFFFF

 C89727


 FFE979

 AA7E00

 FFFF94

 8D6500

 FFFFB0

 714D00

 FFFFCC

 553700

 FFFFEE9

 3A2200

 220D00

 000000

 E6B243

 E6B243

 E6AB2C

 E6B95A

 E6A315

 E6C171

 E69D00

 E6C888

 E6CF9F

 E6D7B6

 E6DECD

 E6E5E4

 E6EDFB

 E6F4FF

Harmonies

Analogous

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



FF9C61



E6B243



B0C44A

Triad

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



E6B243



00D6E4



F299FF

Complementary

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



E6B243



4377E6

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.



A4B1FF



E6B243



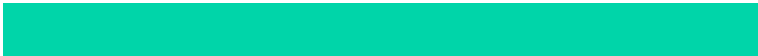
00D1FF

Square

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



E6B243



00D5A9



00C5FF



FF89CB

Rectangle

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



E6B243



84CC62



00C5FF



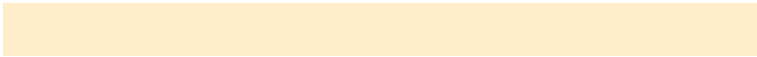
DDA1FF

Sweetspot

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



E6B243



FFEEC9



E64379



807560



000000



808080

Same Dimension

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



E6B243



FFBA26



CBE643



736F67



B37A00



332300

Inverse Universe

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



4377E6



266BFF



5E43E6



676B73



0039B3



001033

Previews

White Background



This preview shows how the Hex color E6B243 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 E6B243 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 E6B243 Background



This preview shows how black text looks on a background with the Hex color E6B243.

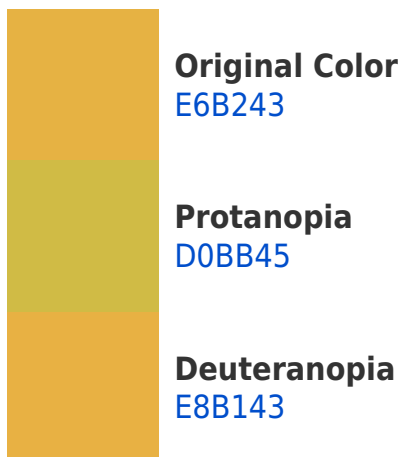


This preview shows how white text looks on a background with the Hex color E6B243.

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](#).

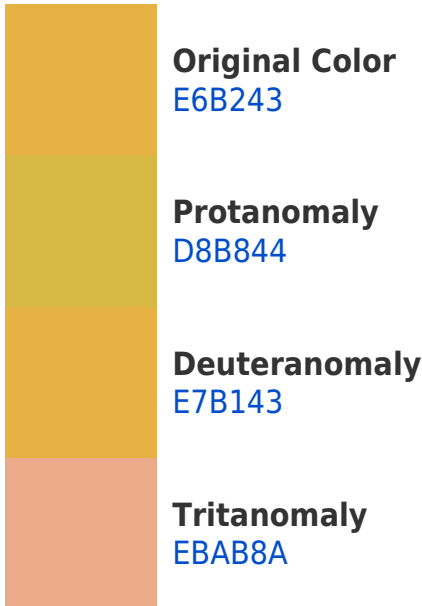
Dichromacy





Tritanopia
EEA7B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6B243 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 #E6B243 looks like.

```
.text, #text, p{  
    color:#E6B243  
}
```

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 #E6B243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B243  
}
```

Border

The CSS property to change the border of an element to Hex E6B243 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  
#E6B243 }
```

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

```
.border{ border-color:#E6B243 }
```

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

Here you see how a box with a 4 pixel #E6B243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B243; -webkit-box-shadow:4px 4px  
4px 4px #E6B243; box-shadow:4px 4px 4px  
4px #E6B243 }
```

Background

The CSS property to change the background color of an element to Hex E6B243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B243 }
```

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

```
.background{ background-color:#E6B243 }
```

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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