

Converting Colors

Hex(E7AE20)

Have a look what the booklet for
Hex(E7AE20) contains.

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Color

Hex(E7AE20)

Conversions

Conversions Part 1

Format	Color
Hex	E7AE20
RGB	231, 174, 32
RGB Percent	91%, 68%, 13%
CMY	0.0941, 0.3176, 0.8745
CMYK	0.00, 0.25, 0.86, 0.09
HSL	43°, 81%, 52%
HSV	43°, 86%, 91%
XYZ	48.3518, 47.3653, 7.9605
YIQ	174.8550, 79.5540, -32.0780

Conversions

Conversions Part 2

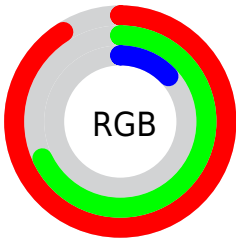
Format	Color
RYB	112, 231, 32
Decimal	15183392
CIELab	74.42, 9.39, 72.27
CIElCh	74, 72.880, 82.598
Yxy	47.3653, 0.4664, 0.4569
Android (android.graphics.Color)	4293373472 (0xFFE7AE20)
YUV	174.8550, -70.4275, 49.2392
Hunter-Lab	68.8225, 4.9673, 41.3178

Details

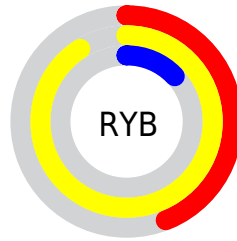
The Hex color **E7AE20** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2059E7**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **FFE55D**, and **AA7A00** is the 20% darker color. If you saturate the color by 10%, you get **E7A709**, and if you desaturate by 10%, it is **E7B537**.

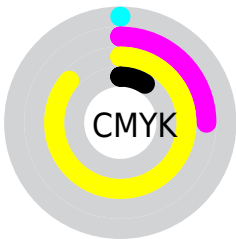
Distribution



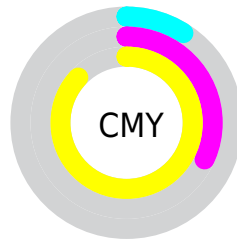
- Red (91%)
- Green (68%)
- Blue (13%)



- Red (44%)
- Yellow (91%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7AE20 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 E7AE20 by changing the saturation by 10% instead.

 E7AE20

 E7AE20

FFFFFF

 C89400

 FFE55D

 AA7A00

 FFFF79

 8D6100

 FFFF95

 704A00

 FFFFB1

 533400

 FFFFCE

 391F00

 FFFFEB

 210800

 000000

 E7AE20

 E7AE20

 E7A709

 E7B537

 E7A500

 E7BB4E

 E7C265

 E7C87C

 E7CF93

 E7D6AB

 E7DCC2

 E7E3D9

 E7EAF0

Harmonies

Analogous

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



FF934D



E7AE20



A8C32A

Triad

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



E7AE20



00D7E9



F88FFF

Complementary

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



E7AE20



2059E7

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.



98ACFF



E7AE20



00D1FF

Square

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



E7AE20



00D6A4



00C4FF



FF78CB

Rectangle

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



E7AE20



73CC4D



00C4FF



DE99FF

Sweetspot

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



E7AE20



FFECBD



E7205C



807458



000000



808080

Same Dimension

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



E7AE20



FFB600



BFE720



736F67



B37F00



332400

Inverse Universe

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



2059E7



0049FF



4820E7



676B73



0033B3



000F33

Previews

White Background



This preview shows how the Hex color E7AE20 looks on a white background.

Color Contrast Check

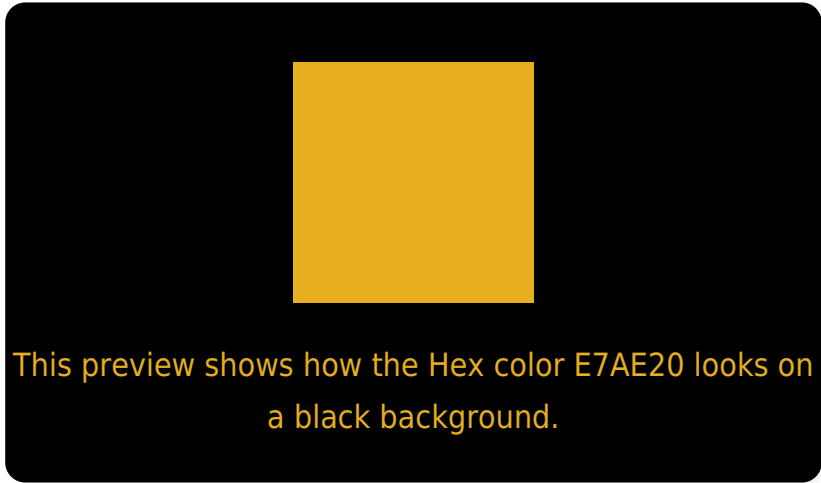
Large Text (above 18pt) WCAG AA × Fail

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 E7AE20 Background



This preview shows how black text looks on a background with the Hex color E7AE20.



This preview shows how white text looks on a background with the Hex color E7AE20.

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

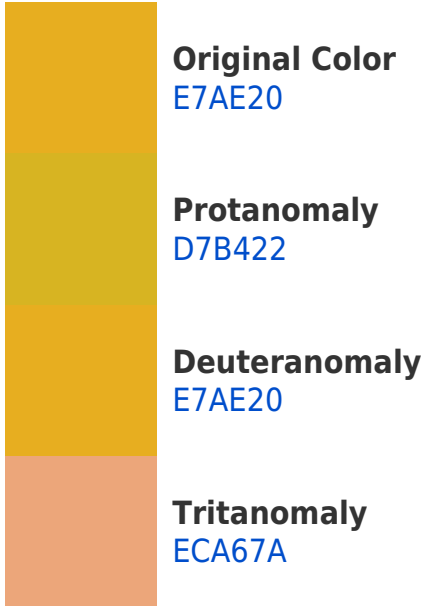


Original Color
E7AE20

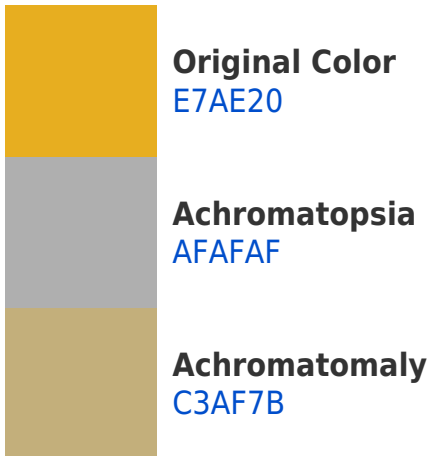
Protanopia
CEB823

Deuteranopia
E7AE20

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7AE20 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 #E7AE20 looks like.

```
.text, #text, p{  
    color:#E7AE20  
}
```

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 #E7AE20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AE20
}
```

Border

The CSS property to change the border of an element to Hex E7AE20 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
#E7AE20 }
```

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

```
.border{ border-color:#E7AE20 }
```

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

Here you see how a box with a 4 pixel #E7AE20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AE20; -webkit-box-shadow:4px 4px  
4px 4px #E7AE20; box-shadow:4px 4px 4px  
4px #E7AE20 }
```

Background

The CSS property to change the background color of an element to Hex E7AE20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AE20 }
```

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

```
.background{ background-color:#E7AE20 }
```

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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