

Converting Colors

Hex(EA8622)

Have a look what the booklet for
Hex(EA8622) contains.

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Color

Hex(EA8622)

Conversions

Conversions Part 1

Format	Color
Hex	EA8622
RGB	234, 134, 34
RGB Percent	92%, 53%, 13%
CMY	0.0824, 0.4745, 0.8667
CMYK	0.00, 0.43, 0.85, 0.08
HSL	30°, 83%, 53%
HSV	30°, 85%, 92%
XYZ	42.7455, 34.6581, 5.9501
YIQ	152.5000, 91.7000, -9.9000

Conversions

Conversions Part 2

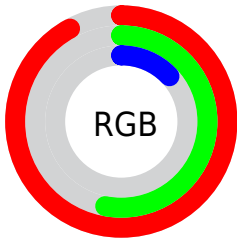
Format	Color
RYB	234, 234, 34
Decimal	15369762
CIELab	65.48, 31.86, 64.59
CIElCh	65, 72.022, 63.741
Yxy	34.6581, 0.5128, 0.4158
Android (android.graphics.Color)	4293559842 (0xFFEA8622)
YUV	152.5000, -58.4205, 71.4755
Hunter-Lab	58.8711, 26.5819, 35.2173

Details

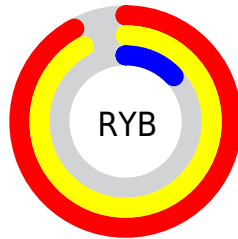
The Hex color **EA8622** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2286EA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBC59**, and **AC5300** is the 20% darker color. If you saturate the color by 10%, you get **EA7A0B**, and if you desaturate by 10%, it is **EA9239**.

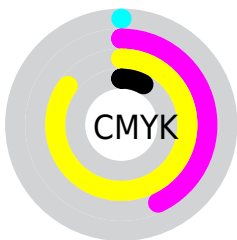
Distribution



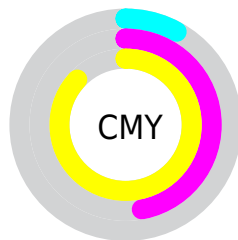
- Red (92%)
- Green (53%)
- Blue (13%)



- Red (92%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (85%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA8622 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 EA8622 by changing the saturation by 10% instead.

 EA8622

 EA8622

FFFFFF

 CB6C00

 FFBC59

 AC5300

 FFD874

 8D3B00

 FFF48F

 6F2300

 FFFFAB

 520900

 FFFFC7

 370000

 FFFFE4

 190001

 000000

 EA8622

 EA8622

 EA7A0B

 EA9239

 EA7500

 EA9D51

 EAA968

 EAB580

 EAC197

 EACCAE

 EAD8C6

 EAE4DD

 EAEFF5

Harmonies

Analogous

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



FF6A5B



EA8622



B69F00

Triad

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



EA8622



00BDA6



A98AFF

Complementary

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



EA8622



2286EA

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.



00A4FF



EA8622



00BCE5

Square

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



EA8622



00B963



00B4FF



F26CD9

Rectangle

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



EA8622



8CAB0A



00B4FF



8294FF

Sweetspot

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



EA8622



FFDEBD



EA2286



806C58



000000



808080

Same Dimension

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



EA8622



FF8000



EAEA22



756F6A



B55B00



361B00

Inverse Universe

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



2286EA



0080FF



2222EA



6A6F75



005BB5



001B36

Previews

White Background



This preview shows how the Hex color EA8622 looks on a white background.

Color Contrast Check

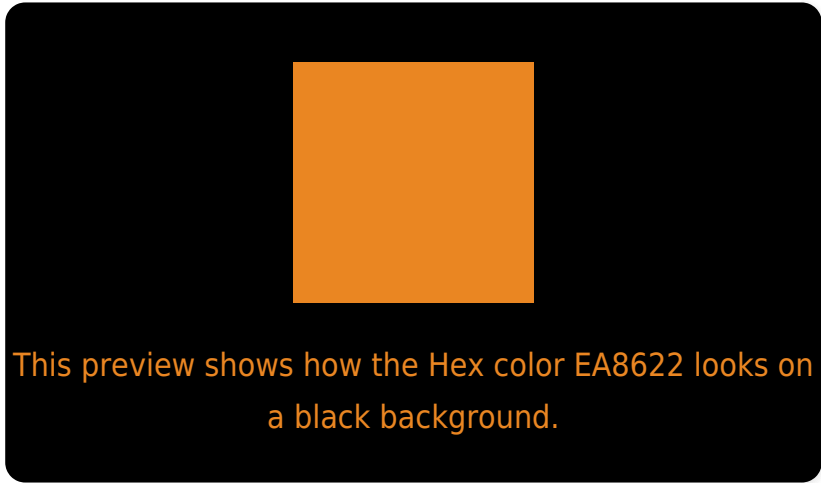
Large Text (above 18pt) WCAG AA × Fail

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 EA8622 Background



This preview shows how black text looks on a background with the Hex color EA8622.



This preview shows how white text looks on a background with the Hex color EA8622.

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
EA8622

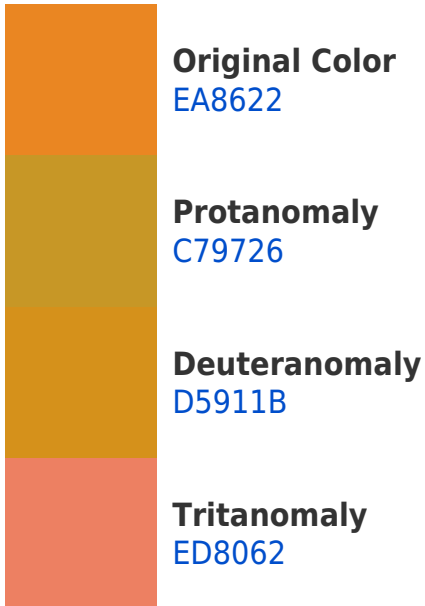
Protanopia
B3A029

Deuteranopia
C99717

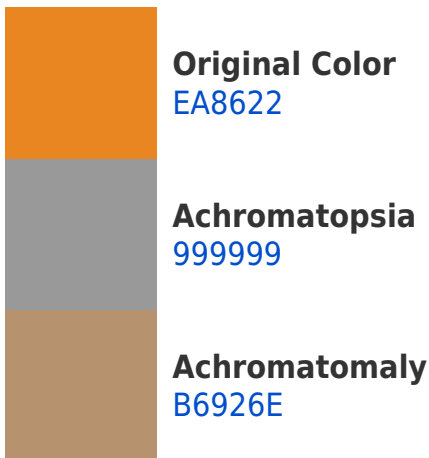


Tritanopia
EF7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA8622 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 #EA8622 looks like.

```
.text, #text, p{  
    color:#EA8622  
}
```

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 #EA8622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA8622  
}
```

Border

The CSS property to change the border of an element to Hex EA8622 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  
#EA8622 }
```

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

```
.border{ border-color:#EA8622 }
```

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

Here you see how a box with a 4 pixel #EA8622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA8622; -webkit-box-shadow:4px 4px  
4px 4px #EA8622; box-shadow:4px 4px 4px  
4px #EA8622 }
```

Background

The CSS property to change the background color of an element to Hex EA8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA8622 }
```

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

```
.background{ background-color:#EA8622 }
```

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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