

Converting Colors

Hex(EEA034)

Have a look what the booklet for
Hex(EEA034) contains.

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Color

Hex(EEA034)

Conversions

Conversions Part 1

Format	Color
Hex	EEA034
RGB	238, 160, 52
RGB Percent	93%, 63%, 20%
CMY	0.0667, 0.3725, 0.7961
CMYK	0.00, 0.33, 0.78, 0.07
HSL	35°, 85%, 57%
HSV	35°, 78%, 93%
XYZ	48.4505, 43.5667, 9.1044
YIQ	171.0100, 81.1560, -17.0520

Conversions

Conversions Part 2

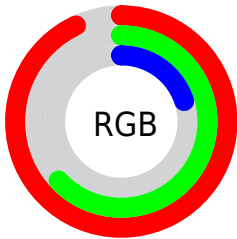
Format	Color
RYB	186, 238, 52
Decimal	15638580
CIELab	71.94, 20.37, 64.16
CIELCh	72, 67.317, 72.385
Yxy	43.5667, 0.4791, 0.4308
Android (android.graphics.Color)	4293828660 (0xFFEEA034)
YUV	171.0100, -58.6719, 58.7502
Hunter-Lab	66.0051, 15.5177, 38.0254

Details

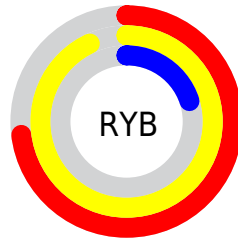
The Hex color **EEA034** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3482EE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD76A**, and **B16C00** is the 20% darker color. If you saturate the color by 10%, you get **EE961C**, and if you desaturate by 10%, it is **EEAA4C**.

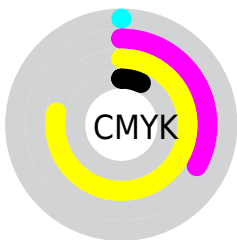
Distribution



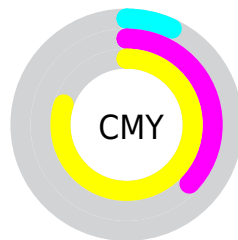
- Red (93%)
- Green (63%)
- Blue (20%)



- Red (73%)
- Yellow (93%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (37%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEA034 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 EEA034 by changing the saturation by 10% instead.

 EEA034

 EEA034

FFFFFF

 CF8614

 FFD76A

 B16C00

 FFF385

 935400

 FFFFA1

 763D00

 FFFFBD

 592600

 FFFFDA

 3D1100

 FFFFF7

 260000

 000000

 EEA034

 EEA034

 EE961C

 EEAA4C

 EE8C04

 EEB464

 EE8A00

 EEBE7B

 EEC893

 EED2AB

 EEDCC3

 EEE6DB

 EEFOF2

 EEFAFF

Harmonies

Analogous

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



FF8760



EEA034



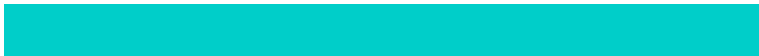
B8B52A

Triad

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



EEA034



00CEC9



D495FF

Complementary

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



EEA034



3482EE

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.



67AFFF



EEA034



00CBFF

Square

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



EEA034



00CB89



00C1FF



FF7DD7

Rectangle

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



EEA034



8DC040



00C1FF



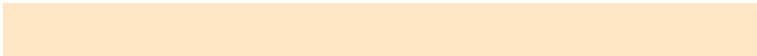
B89EFF

Sweetspot

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



EEA034



FFE6C4



EE3485



80715C



000000



808080

Same Dimension

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



EEA034



FF9A0F



E2EE34



78736C



B86B00



382100

Inverse Universe

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



3482EE



0F74FF



4034EE



6C7178



004DB8



001838

Previews

White Background



This preview shows how the Hex color #EEA034 looks on a white background.

Color Contrast Check

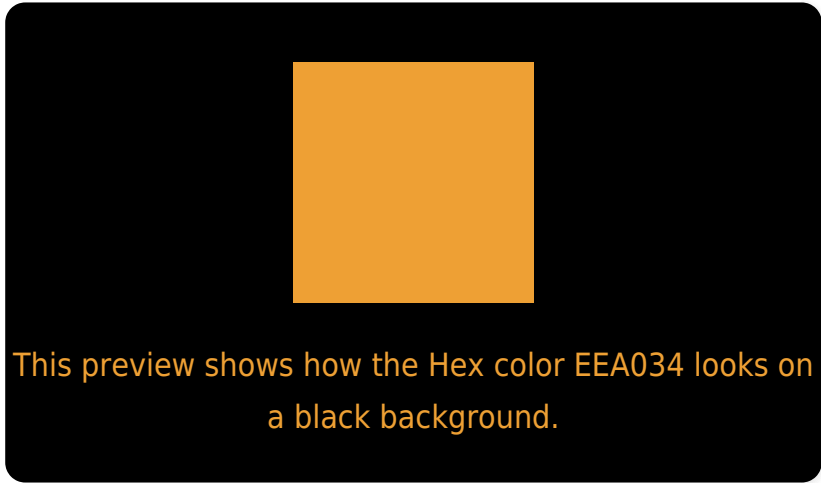
Large Text (above 18pt) WCAG AA × Fail

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 EEA034 Background



This preview shows how black text looks on a background with the Hex color EEA034.



This preview shows how white text looks on a background with the Hex color EEA034.

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
EEA034

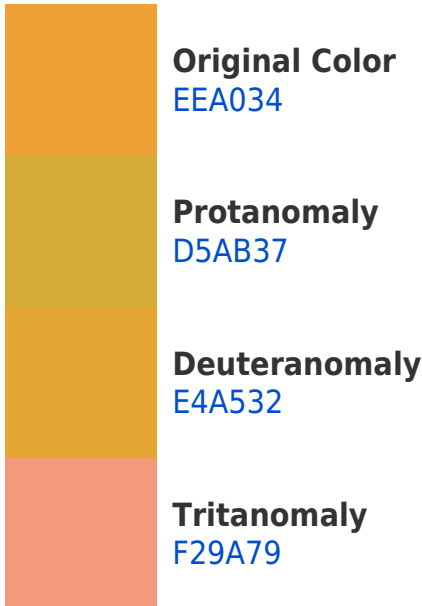
Protanopia
C6B138

Deuteranopia
DEA831

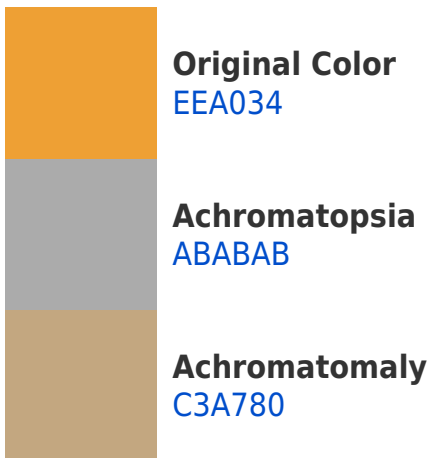


Tritanopia
F496A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEA034 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 #EEA034 looks like.

```
.text, #text, p{  
    color:#EEA034  
}
```

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 #EEA034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA034
}
```

Border

The CSS property to change the border of an element to Hex EEA034 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
#EEA034 }
```

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

```
.border{ border-color:#EEA034 }
```

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

Here you see how a box with a 4 pixel #EEA034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA034; -webkit-box-shadow:4px 4px  
4px 4px #EEA034; box-shadow:4px 4px 4px  
4px #EEA034 }
```

Background

The CSS property to change the background color of an element to Hex EEA034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA034 }
```

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

```
.background{ background-color:#EEA034 }
```

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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