

# Converting Colors

Hex(EAC163)

Have a look what the booklet for  
Hex(EAC163) contains.

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**Color**

**Hex(EAC163)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAC163
RGB	234, 193, 99
RGB Percent	92%, 76%, 39%
CMY	0.0824, 0.2431, 0.6118
CMYK	0.00, 0.18, 0.58, 0.08
HSL	42°, 76%, 65%
HSV	42°, 58%, 92%
XYZ	55.2538, 56.5332, 19.8042
YIQ	194.5430, 54.6100, -20.5420

# Conversions

## Conversions Part 2

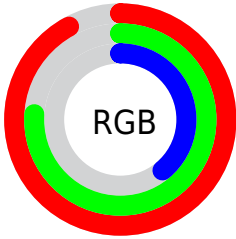
Format	Color
<a href="#">RYB</a>	<a href="#">158, 234, 99</a>
Decimal	<a href="#">15384931</a>
CIELab	<a href="#">79.92, 3.86, 52.06</a>
CIELCh	<a href="#">80, 52.199, 85.755</a>
Yxy	<a href="#">56.5332, 0.4199, 0.4296</a>
Android (android.graphics.Color)	<a href="#">4293575011</a> (0xFFEAC163)
YUV	<a href="#">194.5430, -47.1027, 34.6038</a>
Hunter-Lab	<a href="#">75.1886, -0.4058, 37.0154</a>

# Details

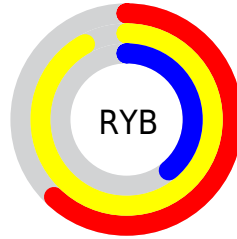
The Hex color **EAC163** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **638CEA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF998**, and **AF8C2F** is the 20% darker color. If you saturate the color by 10%, you get **EABA4C**, and if you desaturate by 10%, it is **EAC87A**.

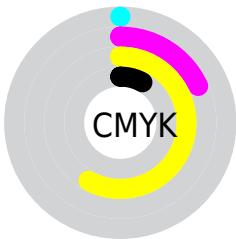
# Distribution



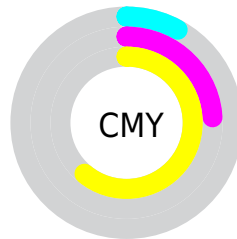
- Red (92%)
- Green (76%)
- Blue (39%)



- Red (62%)
- Yellow (92%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (58%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAC163 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 EAC163 by changing the saturation by 10% instead.



 EAC163

 EAC163

FFFFFF

 CCA649

 FFF998

 AF8C2F

 FFFFB4

 937213

 FFFF00

 775A00

 FFFFED

 5C4300

 412D00

 281900

 090000

 000000

 EAC163

 EAC163

 EABA4C

 EAC87A

 EAB334

 EACF92

 EAAC1D

 EAD6A9

 EAA505

 EADDC1

 EAA300

 EAE5D8

 EAECEf

 EAF3FF

 EAFAFF

 EAFFFF

# Harmonies

## Analogous

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



FFAF77



EAC163



BAD06B

# Triad

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



EAC163



00DFEF



FCAAFE

# Complementary

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



EAC163



638CEA

# 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.



C0BCFF



EAC163



00D9FF

# Square

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



EAC163



16DFBD



64CDFE



FF9CFE

# Rectangle

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



EAC163



94D780



64CDFF



EBB0FF



# Sweetspot

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



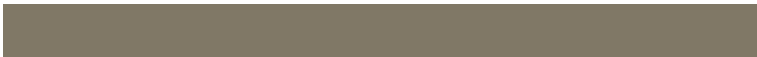
EAC163



FFF2D4



EA638E



807866



000000



808080



# Same Dimension

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



EAC163



FFCA4F



D1EA63



75726A



B57E00



362500



# Inverse Universe

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



638CEA



4F84FF



7C63EA



6A6D75



0037B5



001036



# Previews

## White Background



This preview shows how the Hex color EAC163 looks on a white background.

## Color Contrast Check

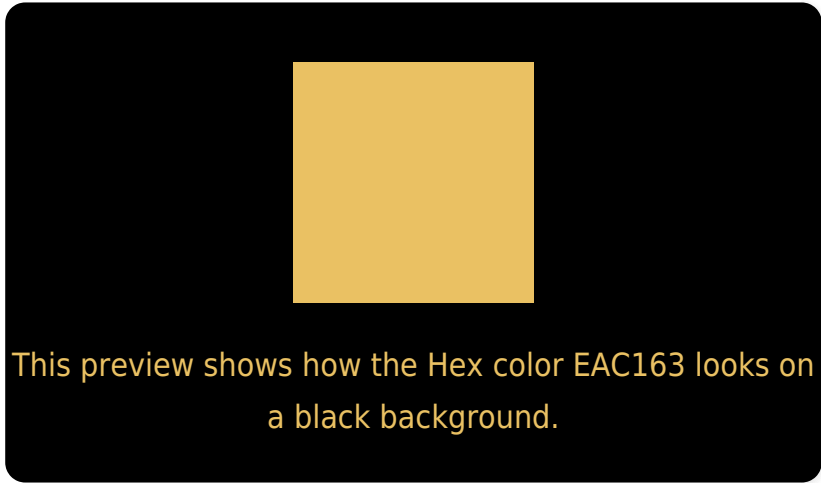
Large Text (above 18pt) WCAG AA × Fail

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 EAC163 Background



This preview shows how black text looks on a background with the Hex color EAC163.



This preview shows how white text looks on a background with the Hex color EAC163.

# 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**  
EAC163

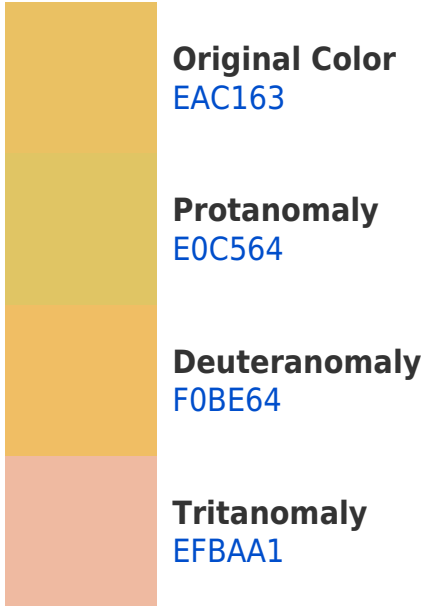
**Protanopia**  
DBC765

**Deuteranopia**  
F4BD64

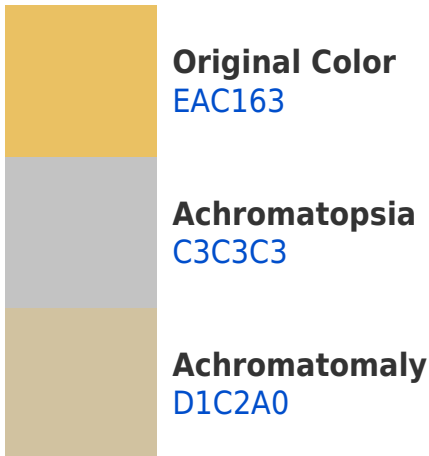


**Tritanopia**  
F2B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAC163 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 #EAC163 looks like.

```
.text, #text, p{  
    color:#EAC163  
}
```

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 #EAC163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAC163  
}
```

## Border

The CSS property to change the border of an element to Hex EAC163 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  
#EAC163 }
```

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

```
.border{ border-color:#EAC163 }
```

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

Here you see how a box with a 4 pixel #EAC163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAC163; -webkit-box-shadow:4px 4px  
4px 4px #EAC163; box-shadow:4px 4px 4px  
4px #EAC163 }
```

# Background

The CSS property to change the background color of an element to Hex EAC163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAC163 }
```

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

```
.background{ background-color:#EAC163 }
```

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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