

Converting Colors

Hex(EAAC52)

Have a look what the booklet for
Hex(EAAC52) contains.

Hex(EAAC52)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EAAC52)

Conversions

Conversions Part 1

Format	Color
Hex	EAAC52
RGB	234, 172, 82
RGB Percent	92%, 67%, 32%
CMY	0.0824, 0.3255, 0.6784
CMYK	0.00, 0.26, 0.65, 0.08
HSL	36°, 78%, 62%
HSV	36°, 65%, 92%
XYZ	50.2072, 47.6067, 14.5254
YIQ	180.2780, 65.8420, -14.8460

Conversions

Conversions Part 2

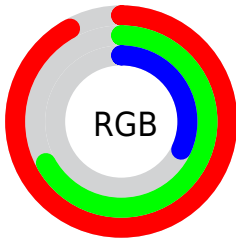
Format	Color
RYB	187, 234, 82
Decimal	15379538
CIELab	74.58, 13.77, 53.97
CIELCh	75, 55.702, 75.688
Yxy	47.6067, 0.4469, 0.4238
Android (android.graphics.Color)	4293569618 (0xFFE AAC52)
YUV	180.2780, -48.4511, 47.1142
Hunter-Lab	68.9976, 9.1426, 35.8165

Details

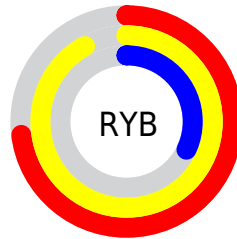
The Hex color **EAAC52** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5290EA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE387**, and **AE781D** is the 20% darker color. If you saturate the color by 10%, you get **EAA23B**, and if you desaturate by 10%, it is **EAB669**.

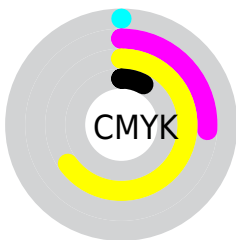
Distribution



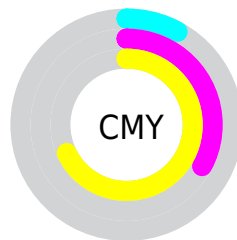
- Red (92%)
- Green (67%)
- Blue (32%)



- Red (73%)
- Yellow (92%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (65%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAAC52 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 EAAC52 by changing the saturation by 10% instead.

 EAAC52

 EAAC52


FFFFFF

 CC9238

 FFE387

 AE781D

 FFFFA2

 915F00

 FFFFBD

 754800

 FFFFDA

 593100

 FFFFF7

 3E1C00

 250500

 000000

 EAAC52

 EAAC52

 EAA23B

 EAB669

 EA9923

 EABF81

 EA8F0C

 EAC998

 EA8B00

 EAD2B0

 EADCC7

 EAE5DE

 EAEFF6

 EAF8FF

 EAFFFF

Harmonies

Analogous

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



FF9970



EAAC52



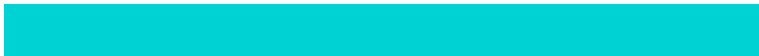
BBBD50

Triad

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



EAAC52



00D1D2



DE9FFF

Complementary

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



EAAC52



5290EA

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.



91B4FF



EAAC52



00CEFF

Square

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



EAAC52



1AD09C



00C4FF



FF8FD2

Rectangle

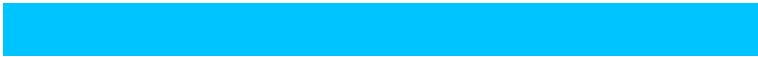
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAAC52



96C661



00C4FF



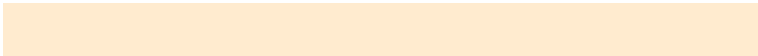
C8A6FF

Sweetspot

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



EAAC52



FFEBCF



EA5291



807462



000000



808080

Same Dimension

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



EAAC52



FFAE38



DDEA52



75716A



B56B00



362000

Inverse Universe

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



5290EA



3889FF



5F52EA



6A6E75



004AB5



001636

Previews

White Background



This preview shows how the Hex color EAAC52 looks on a white background.

Color Contrast Check

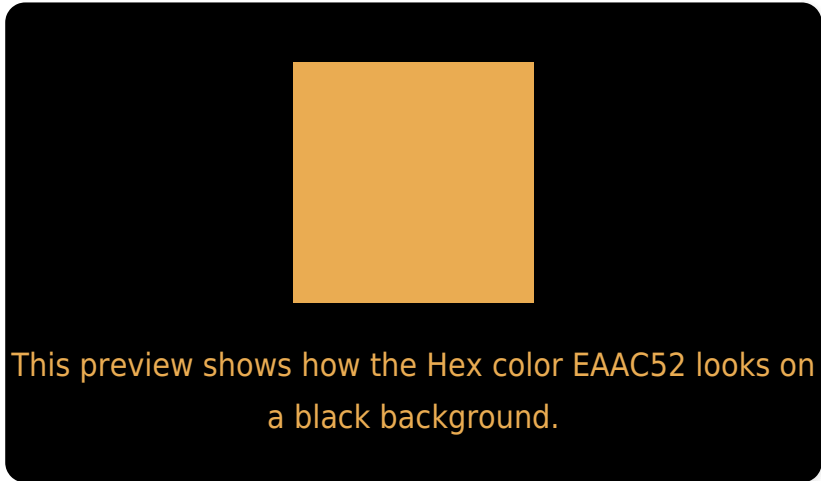
Large Text (above 18pt) WCAG AA × Fail

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 EAAC52 Background



This preview shows how black text looks on a background with the Hex color EAAC52.

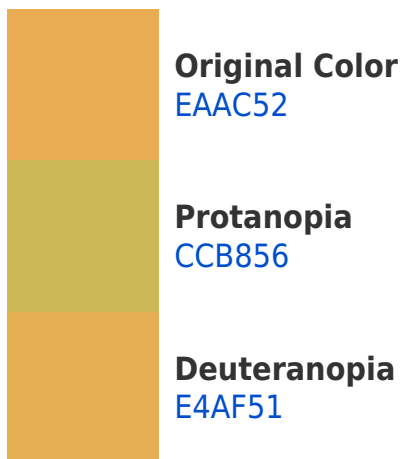


This preview shows how white text looks on a background with the Hex color EAAC52.

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](#).

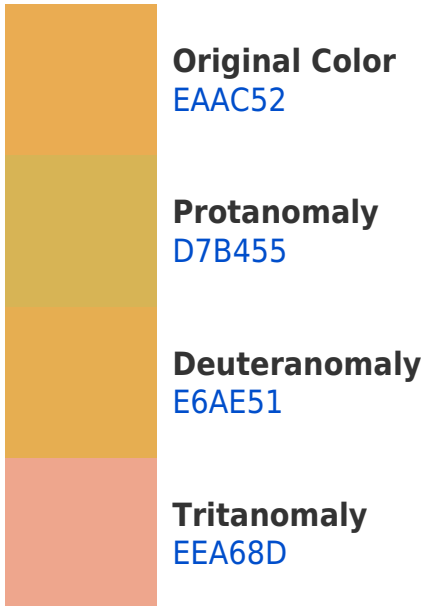
Dichromacy



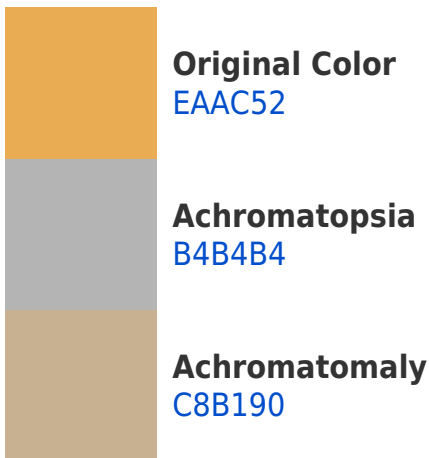


Tritanopia
F1A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAAC52 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 #EAAC52 looks like.

```
.text, #text, p{  
    color:#EAAC52  
}
```

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 #EAAC52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAAC52  
}
```

Border

The CSS property to change the border of an element to Hex EAAC52 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  
#EAAC52 }
```

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

```
.border{ border-color:#EAC52 }
```

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

Here you see how a box with a 4 pixel #EAC52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAC52; -webkit-box-shadow:4px 4px  
4px 4px #EAC52; box-shadow:4px 4px 4px  
4px #EAC52 }
```

Background

The CSS property to change the background color of an element to Hex EAAC52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAAC52 }
```

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

```
.background{ background-color:#EAAC52 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor