

Converting Colors

Hex(EBA552)

Have a look what the booklet for
Hex(EBA552) contains.

Hex(EBA552)	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(EBA552)

Conversions

Conversions Part 1

Format	Color
Hex	EBA552
RGB	235, 165, 82
RGB Percent	92%, 65%, 32%
CMY	0.0784, 0.3529, 0.6784
CMYK	0.00, 0.30, 0.65, 0.08
HSL	33°, 79%, 62%
HSV	33°, 65%, 92%
XYZ	49.2391, 45.1816, 14.1084
YIQ	176.4680, 68.3630, -10.9730

Conversions

Conversions Part 2

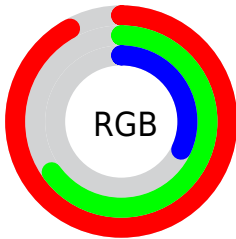
Format	Color
RYB	211, 235, 82
Decimal	15443282
CIELab	73.01, 17.90, 52.26
CIELCh	73, 55.243, 71.094
Yxy	45.1816, 0.4537, 0.4163
Android (android.graphics.Color)	4293633362 (0xFFEBA552)
YUV	176.4680, -46.5727, 51.3326
Hunter-Lab	67.2173, 13.1274, 34.6076

Details

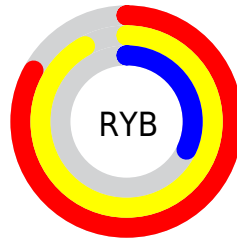
The Hex color **EBA552** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5298EB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDC86**, and **AF711E** is the 20% darker color. If you saturate the color by 10%, you get **EB9A3A**, and if you desaturate by 10%, it is **EBB06A**.

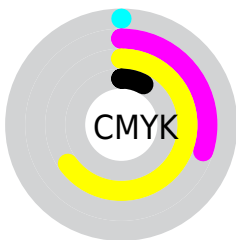
Distribution



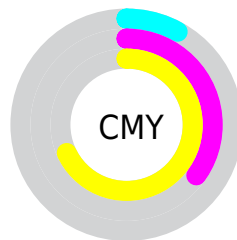
- Red (92%)
- Green (65%)
- Blue (32%)



- Red (83%)
- Yellow (92%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (8%)



- Cyan (8%)
- Magenta (35%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBA552 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 EBA552 by changing the saturation by 10% instead.

 EBA552

 EBA552

FFFFFF

 CD8B38

 FFDC86

 AF711E

 FFF9A1

 925900

 FFFFBD

 754100

 FFFFD9

 592B00

 FFFFF6

 3E1600

 260000

 000000

 EBA552

 EBA552

 EB9A3A

 EBB06A

 EB8F23

 EBBB81

 EB850C

 EBC599

 EB7F00

 EBD0B0

 EBDDBC8

 EBE6DF

 EBF0F7

 EBFBF7

 EBFFFF

Harmonies

Analogous

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



FF9373



EBA552



BFB64B

Triad

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



EBA552



00CDC5



CF9EFF

Complementary

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



EBA552



5298EB

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.



7EB2FF



EBA552



00CAF4

Square

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



EBA552



33CA91



00C1FF



FF8DD5

Rectangle

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



EBA552



9BC059



00C1FF



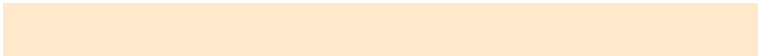
B8A5FF

Sweetspot

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



EBA552



FFE8CC



EB5299



807261



000000



808080

Same Dimension

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



EBA552



FFA438



E6EB52



75706A



B56200



361D00

Inverse Universe

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



5298EB



3893FF



5752EB



6A6F75



0053B5



001836

Previews

White Background



This preview shows how the Hex color EBA552 looks on a white background.

Color Contrast Check

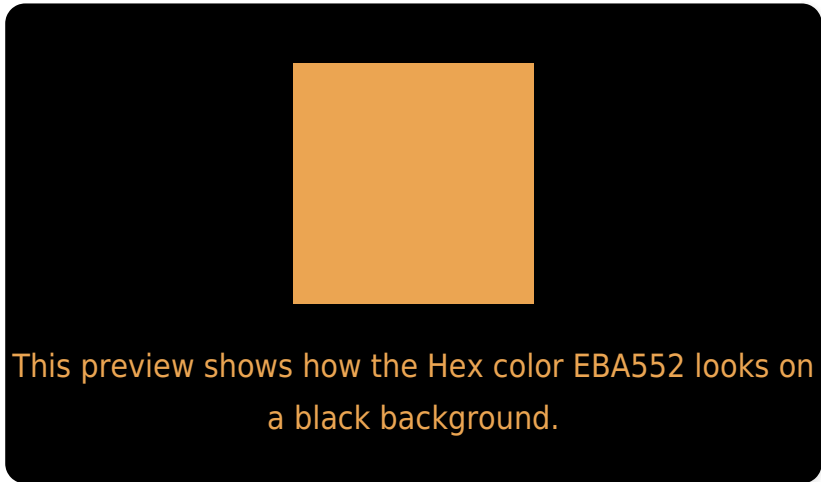
Large Text (above 18pt) WCAG AA × Fail

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

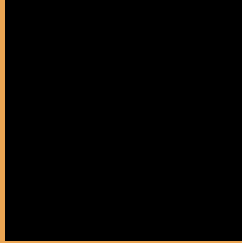
Any Text WCAG AA ✓ Pass

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 EBA552 Background



This preview shows how black text looks on a background with the Hex color EBA552.

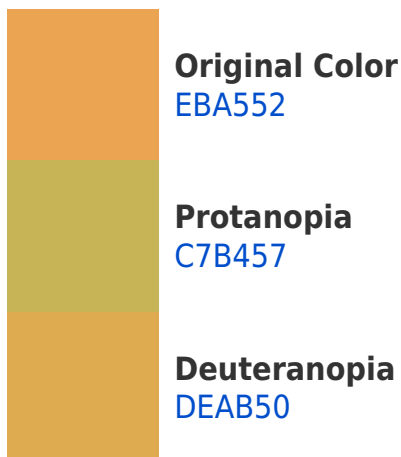


This preview shows how white text looks on a background with the Hex color EBA552.

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](#).

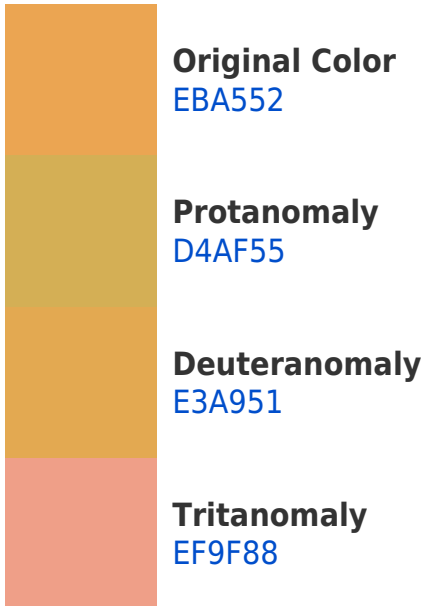
Dichromacy



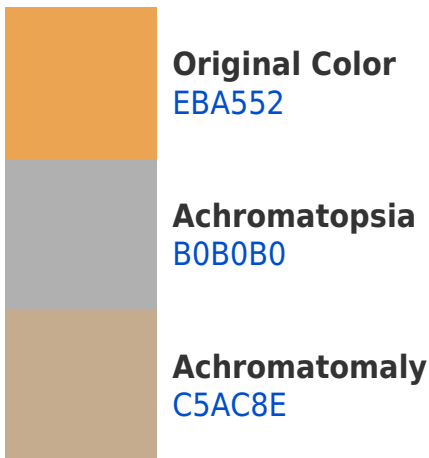


Tritanopia
F19CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBA552 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 #EBA552 looks like.

```
.text, #text, p{  
    color:#EBA552  
}
```

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 #EBA552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBA552  
}
```

Border

The CSS property to change the border of an element to Hex EBA552 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  
#EBA552 }
```

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

```
.border{ border-color:#EBA552 }
```

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

Here you see how a box with a 4 pixel #EBA552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBA552; -webkit-box-shadow:4px 4px  
4px 4px #EBA552; box-shadow:4px 4px 4px  
4px #EBA552 }
```

Background

The CSS property to change the background color of an element to Hex EBA552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBA552 }
```

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

```
.background{ background-color:#EBA552 }
```

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