

Converting Colors

Hex(E68A45)

Have a look what the booklet for
Hex(E68A45) contains.

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Color

Hex(E68A45)

Conversions

Conversions Part 1

Format	Color
Hex	E68A45
RGB	230, 138, 69
RGB Percent	90%, 54%, 27%
CMY	0.0980, 0.4588, 0.7294
CMYK	0.00, 0.40, 0.70, 0.10
HSL	26°, 76%, 59%
HSV	26°, 70%, 90%
XYZ	42.7958, 35.4296, 10.2132
YIQ	157.6420, 76.9810, -1.9550

Conversions

Conversions Part 2

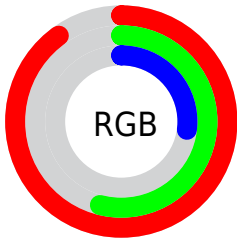
Format	Color
R_{YB}	230, 190, 69
Decimal	15108677
CIE _{Lab}	66.08, 29.43, 50.65
CIE _{LCh}	66, 58.576, 59.843
Yxy	35.4296, 0.4839, 0.4006
Android (android.graphics.Color)	4293298757 (0xFFE68A45)
YUV	157.6420, -43.7005, 63.4580
Hunter-Lab	59.5228, 24.1733, 31.4927

Details

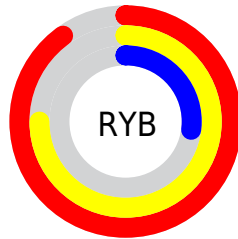
The Hex color **E68A45** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **45A1E6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC078**, and **A95711** is the 20% darker color. If you saturate the color by 10%, you get **E67D2E**, and if you desaturate by 10%, it is **E6975C**.

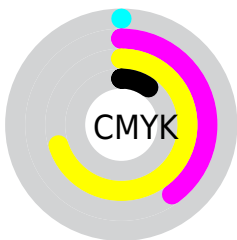
Distribution



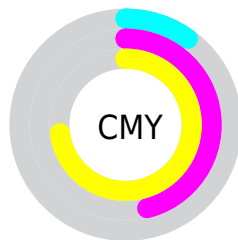
- Red (90%)
- Green (54%)
- Blue (27%)



- Red (90%)
- Yellow (75%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E68A45 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 E68A45 by changing the saturation by 10% instead.

 E68A45

 E68A45

FFFFFF

 C7702C

 FFC078

 A95711

 FFDC93

 8C3F00

 FFF9AE

 6F2700

 FFFFCA

 520F00

 FFFFEE

 360000

 190001

 000000

 E68A45

 E68A45

 E67D2E

 E6975C

 E67017

 E6A473

 E66300

 E6B18A

 E6BFA1

 E6CCB8

 E6D9CF

 E6E6E6

 E6F3FD

 E6FFFF

Harmonies

Analogous

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



FE776F



E68A45



BD9E2F

Triad

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



E68A45



00BA9F



A193FC

Complementary

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



E68A45



45A1E6

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.



05A7FF



E68A45



00B9D3

Square

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



E68A45



3DB669



00B3FB



E07DD6

Rectangle

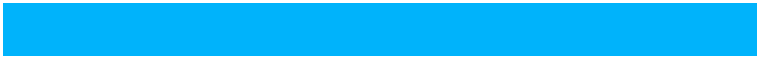
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E68A45



9BA836



00B3FB



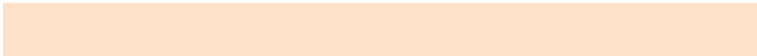
839AFF

Sweetspot

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



E68A45



FFE0C9



E645A3



806D60



000000



808080

Same Dimension

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



E68A45



FF8529



E6D945



736C67



B34D00



331600

Inverse Universe

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



45A1E6



29A3FF



4552E6



676E73



0066B3



001D33

Previews

White Background



This preview shows how the Hex color E68A45 looks on a white background.

Color Contrast Check

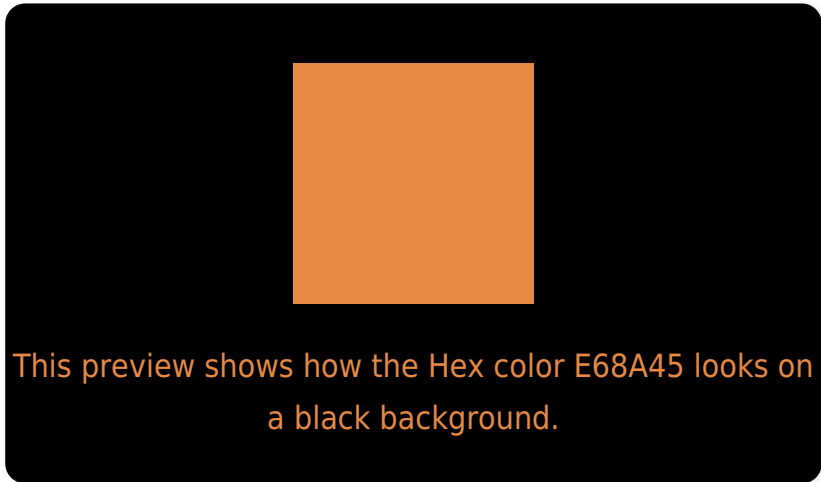
Large Text (above 18pt) WCAG AA × Fail

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 E68A45 Background



This preview shows how black text looks on a background with the Hex color E68A45.



This preview shows how white text looks on a background with the Hex color E68A45.

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
E68A45

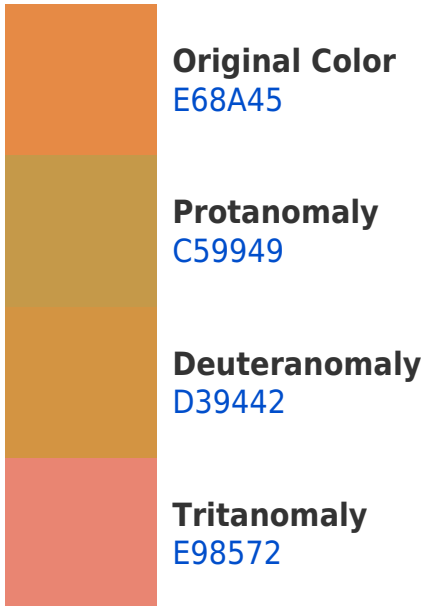
Protanopia
B2A14C

Deuteranopia
C89941

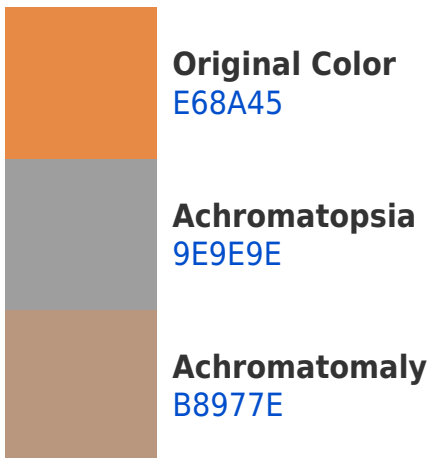


Tritanopia
EA828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E68A45 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 #E68A45 looks like.

```
.text, #text, p{  
    color:#E68A45  
}
```

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 #E68A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68A45
}
```

Border

The CSS property to change the border of an element to Hex E68A45 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
#E68A45 }
```

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

```
.border{ border-color:#E68A45 }
```

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

Here you see how a box with a 4 pixel #E68A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68A45; -webkit-box-shadow:4px 4px  
4px 4px #E68A45; box-shadow:4px 4px 4px  
4px #E68A45 }
```

Background

The CSS property to change the background color of an element to Hex E68A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68A45 }
```

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

```
.background{ background-color:#E68A45 }
```

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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