

Converting Colors

Hex(E69845)

Have a look what the booklet for
Hex(E69845) contains.

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Color

Hex(E69845)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E69845 |
| RGB | 230, 152, 69 |
| RGB Percent | 90%, 60%, 27% |
| CMY | 0.0980, 0.4039, 0.7294 |
| CMYK | 0.00, 0.34, 0.70, 0.10 |
| HSL | 31°, 76%, 59% |
| HSV | 31°, 70%, 90% |
| XYZ | 44.9355, 39.7091, 10.9265 |
| YIQ | 165.8600, 73.1310, -9.2770 |

Conversions

Conversions Part 2

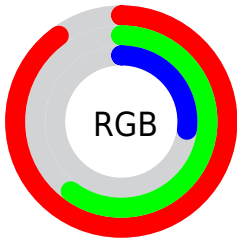
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 220, 230, 69 |
| Decimal | 15112261 |
| CIE Lab | 69.26, 22.00, 54.06 |
| CIE LCh | 69, 58.369, 67.854 |
| Yxy | 39.7091, 0.4702, 0.4155 |
| Android (android.graphics.Color) | 4293302341 (0xFFE69845) |
| YUV | 165.8600, -47.7520, 56.2508 |
| Hunter-Lab | 63.0152, 17.0101, 33.8301 |

Details

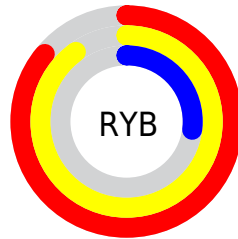
The Hex color **E69845** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4593E6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCE79**, and **AA650E** is the 20% darker color. If you saturate the color by 10%, you get **E68D2E**, and if you desaturate by 10%, it is **E6A35C**.

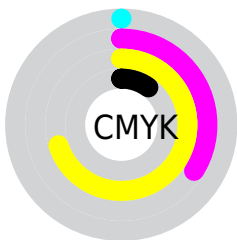
Distribution



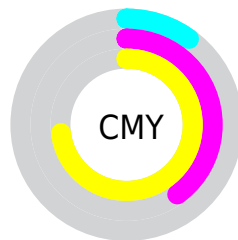
- Red (90%)
- Green (60%)
- Blue (27%)



- Red (86%)
- Yellow (90%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E69845 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 E69845 by changing the saturation by 10% instead.

 E69845

 E69845

FFFFFF

 C87E2B

 FFCE79

 AA650E

 FFE894

 8C4D00

 FFFF80

 703500

 FFFFCB

 531F00

 FFFF90

 380900

 210001

 000000

 E69845

 E69845

 E68D2E

 E6A35C

 E68217

 E6AE73

 E67700

 E6B98A

 E6C5A1

 E6D0B8

 E6DBCf

 E6E6E6

 E6F1FD

 E6FCFF

Harmonies

Analogous

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



FF846B



E69845



B9AB39

Triad

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



E69845



00C3B6



BE95FD

Complementary

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



E69845



4593E6

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.



5EAAFF



E69845



00C1E9

Square

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



E69845



22C07F



00B9FF



F481D2

Rectangle

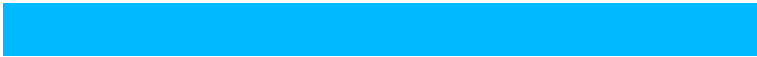
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E69845



95B546



00B9FF



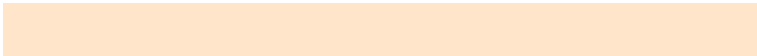
A59DFF

Sweetspot

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



E69845



FFE5C9



E64596



807060



000000



808080

Same Dimension

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



E69845



FF9729



E6E645



736D67



B35C00



331A00

Inverse Universe

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



4593E6



2991FF



4545E6



676D73



0056B3



001933

Previews

White Background



This preview shows how the Hex color E69845 looks on a white background.

Color Contrast Check

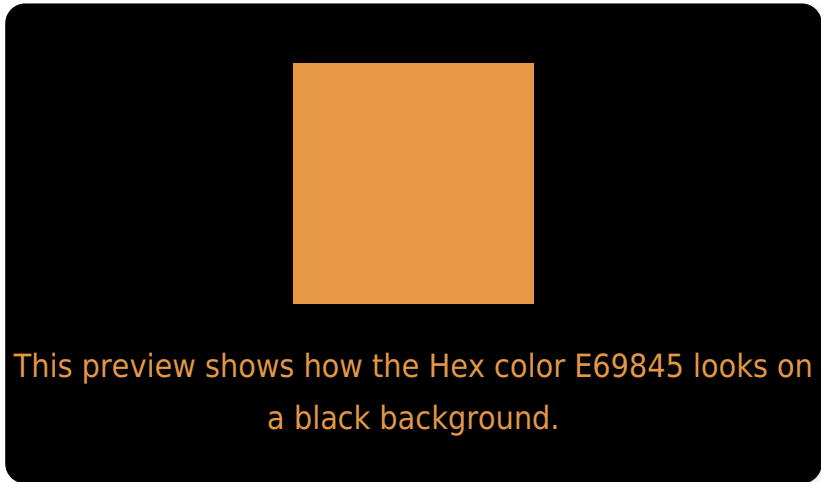
Large Text (above 18pt) WCAG AA × Fail

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 E69845 Background



This preview shows how black text looks on a background with the Hex color E69845.



This preview shows how white text looks on a background with the Hex color E69845.

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
E69845

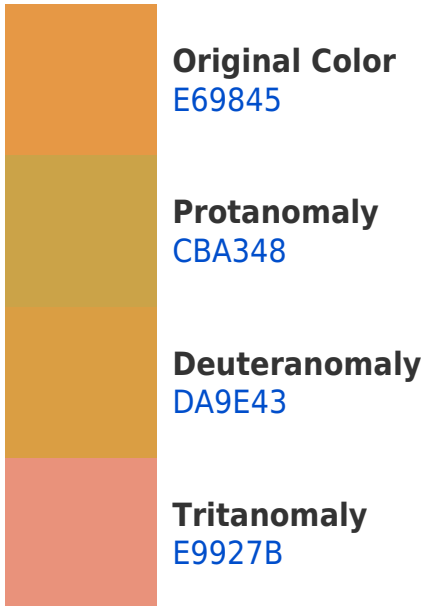
Protanopia
BCAA4A

Deuteranopia
D3A142

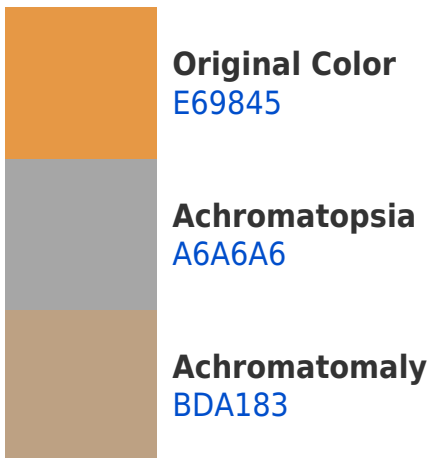


Tritanopia
EB8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E69845 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 #E69845 looks like.

```
.text, #text, p{  
    color:#E69845  
}
```

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 #E69845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69845
}
```

Border

The CSS property to change the border of an element to Hex E69845 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
#E69845 }
```

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

```
.border{ border-color:#E69845 }
```

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

Here you see how a box with a 4 pixel #E69845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69845; -webkit-box-shadow:4px 4px  
4px 4px #E69845; box-shadow:4px 4px 4px  
4px #E69845 }
```

Background

The CSS property to change the background color of an element to Hex E69845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69845 }
```

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

```
.background{ background-color:#E69845 }
```

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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