

# Converting Colors

Hex(E49365)

Have a look what the booklet for  
Hex(E49365) contains.

<b>Hex(E49365)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E49365)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E49365
RGB	228, 147, 101
RGB Percent	89%, 58%, 40%
CMY	0.1059, 0.4235, 0.6039
CMYK	0.00, 0.36, 0.56, 0.11
HSL	22°, 70%, 65%
HSV	22°, 56%, 89%
XYZ	44.7776, 38.3010, 17.3447
YIQ	165.9750, 63.0420, 2.8660

# Conversions

## Conversions Part 2

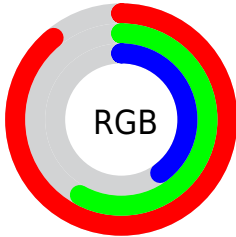
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 173, 101
Decimal	14979941
CIE <sub>Lab</sub>	68.24, 25.94, 36.83
CIE <sub>LCh</sub>	68, 45.048, 54.837
Yxy	38.3010, 0.4459, 0.3814
Android (android.graphics.Color)	4293170021 (0xFFE49365)
YUV	165.9750, -32.0327, 54.3959
Hunter-Lab	61.8878, 20.8462, 26.7048

# Details

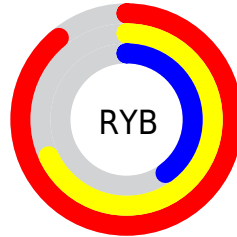
The Hex color **E49365** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65B6E4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC999**, and **A96035** is the 20% darker color. If you saturate the color by 10%, you get **E4844E**, and if you desaturate by 10%, it is **E4A27C**.

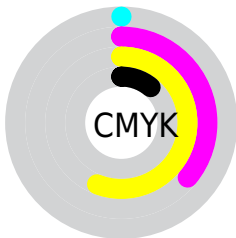
# Distribution



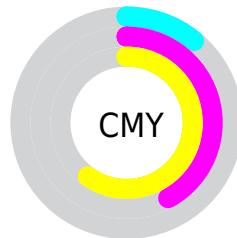
- Red (89%)
- Green (58%)
- Blue (40%)



- Red (89%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (56%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E49365 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 E49365 by changing the saturation by 10% instead.



 E49365

 E49365

FFFFFF

 C6794C

 FFC999

 A96035

 FFE6B4

 8C471E

 FFFFCF

 703006

 FFFFEC

 541900

 390300

 200001

 000000

 E49365

 E49365

 E4844E

 E4A27C

 E47637

 E4B093

 E46721

 E4BFA9

 E4590A

 E4CDC0

 E45300

 E4DCD7

 E4EAEE

 E4F9FF

 E4FFFF

# Harmonies

## Analogous

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



F38786



E49365



C6A254

# Triad

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



E49365



20BB9E



9F9EF0

# Complementary

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



E49365



65B6E4

# 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.



53ADF7



E49365



00BBC7

# Square

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



E49365



6DB776



00B6E8



D28FD6

# Rectangle

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



E49365



ACAA55



00B6E8



89A4F5

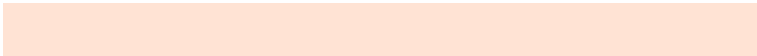


# Sweetspot

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



E49365



FFE3D4



E465B8



806F66



000000



808080



# Same Dimension

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



E49365



FF9254



E4D165



736B67



B34100



331200



# Inverse Universe

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



65B6E4



54C1FF



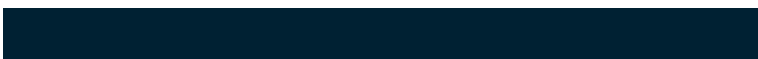
6578E4



676F73



0072B3

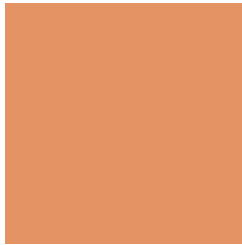


002133



# Previews

## White Background



This preview shows how the Hex color E49365 looks on a white background.

## Color Contrast Check

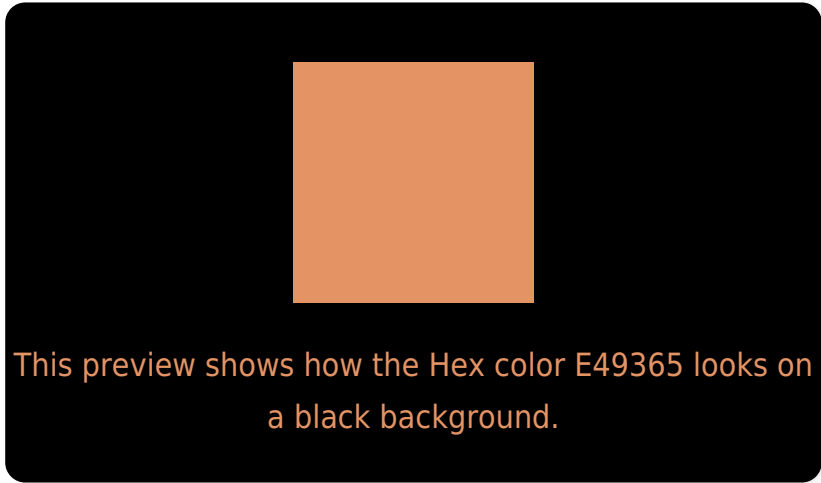
Large Text (above 18pt) WCAG AA × Fail

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

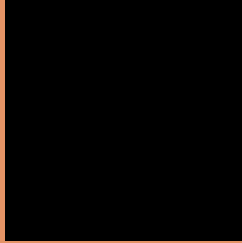
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E49365 Background



This preview shows how black text looks on a background with the Hex color E49365.



This preview shows how white text looks on a background with the Hex color E49365.

# 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**  
E88D97

# Trichromacy



**Original Color**  
E49365

**Protanomaly**  
C6A06A

**Deuteranomaly**  
D49B63

**Tritanomaly**  
E78F85

# Monochromacy



**Original Color**  
E49365

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
BD9F8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E49365 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 #E49365 looks like.

```
.text, #text, p{  
    color:#E49365  
}
```

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 #E49365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49365
}
```

## Border

The CSS property to change the border of an element to Hex E49365 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
#E49365 }
```

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

```
.border{ border-color:#E49365 }
```

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

Here you see how a box with a 4 pixel #E49365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49365; -webkit-box-shadow:4px 4px  
4px 4px #E49365; box-shadow:4px 4px 4px  
4px #E49365 }
```

# Background

The CSS property to change the background color of an element to Hex E49365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49365 }
```

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

```
.background{ background-color:#E49365 }
```

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