

# Converting Colors

Hex(E29735)

Have a look what the booklet for  
Hex(E29735) contains.

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# **Color**

**Hex(E29735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E29735
RGB	226, 151, 53
RGB Percent	89%, 59%, 21%
CMY	0.1137, 0.4078, 0.7922
CMYK	0.00, 0.33, 0.77, 0.11
HSL	34°, 75%, 55%
HSV	34°, 77%, 89%
XYZ	43.0732, 38.5590, 8.5406
YIQ	162.2530, 76.1580, -14.5780

# Conversions

## Conversions Part 2

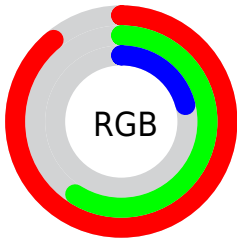
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 226, 53</a>
Decimal	<a href="#">14849845</a>
<a href="#">CIELab</a>	<a href="#">68.43, 20.13, 59.96</a>
<a href="#">CIELCh</a>	<a href="#">68, 63.246, 71.441</a>
<a href="#">Yxy</a>	<a href="#">38.5590, 0.4777, 0.4276</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293039925 (0xFFE29735)</a>
<a href="#">YUV</a>	<a href="#">162.2530, -53.8617, 55.9061</a>
<a href="#">Hunter-Lab</a>	<a href="#">62.0959, 15.1499, 35.3125</a>

# Details

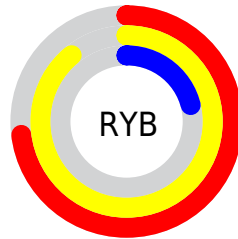
The Hex color **E29735** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3580E2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCD6A**, and **A56400** is the 20% darker color. If you saturate the color by 10%, you get **E28D1E**, and if you desaturate by 10%, it is **E2A14C**.

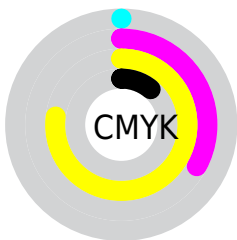
# Distribution



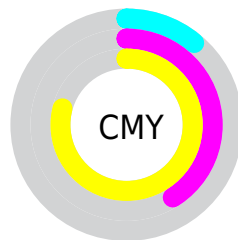
- Red (89%)
- Green (59%)
- Blue (21%)



- Red (73%)
- Yellow (89%)
- Blue (21%)



- Cyan (0%)
- Magenta (33%)
- Yellow (77%)
- Black (11%)



- Cyan (11%)
- Magenta (41%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E29735 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 E29735 by changing the saturation by 10% instead.



 E29735

 E29735

FFFFFF

 C37D18

 FFCD6A

 A56400

 FFE985

 884C00

 FFFFA0

 6B3500

 FFFFBC

 4F1F00

 FFFFD9

 340A00

 FFFFF6

 1A0001

 000000

 E29735

 E29735

 E28D1E

 E2A14C

 E28308

 E2AB62

 E28000

 E2B479

 E2BE8F

 E2C8A6

 E2D2BD

 E2DCD3

 E2E5EA

 E2EFFF

# Harmonies

## Analogous

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



FF805E



E29735



B0AB2B

# Triad

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



E29735



00C3BC



C68EFD

# Complementary

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



E29735



3580E2

# 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.



5FA6FF



E29735



00C0F1

# Square

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



E29735



00C080



00B7FF



FC78CD

# Rectangle

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



E29735



88B53D



00B7FF



AB97FF

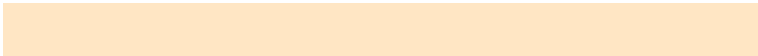


# Sweetspot

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



E29735



FFE6C4



E23583



80705C



000000



808080



# Same Dimension

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



E29735



FF9914



D9E235



706B65



B06400



301B00



# Inverse Universe

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



3580E2



147AFF



3E35E2



656A70



004CB0



001530



# Previews

## White Background



This preview shows how the Hex color E29735 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 E29735 Background



This preview shows how black text looks on a background with the Hex color E29735.



This preview shows how white text looks on a background with the Hex color E29735.

# 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**  
E29735

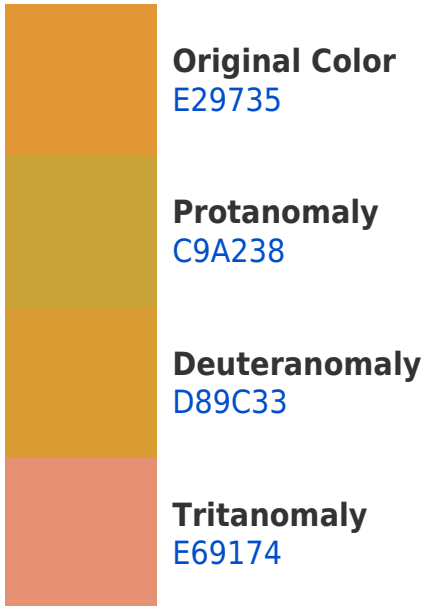
**Protanopia**  
BBA839

**Deuteranopia**  
D29F32



**Tritanopia**  
E88D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E29735 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 #E29735 looks like.

```
.text, #text, p{  
    color:#E29735  
}
```

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 #E29735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E29735
}
```

## Border

The CSS property to change the border of an element to Hex E29735 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
#E29735 }
```

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

```
.border{ border-color:#E29735 }
```

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

Here you see how a box with a 4 pixel #E29735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E29735; -webkit-box-shadow:4px 4px  
4px 4px #E29735; box-shadow:4px 4px 4px  
4px #E29735 }
```

# Background

The CSS property to change the background color of an element to Hex E29735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E29735 }
```

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

```
.background{ background-color:#E29735 }
```

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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