

# Converting Colors

Hex(E29244)

Have a look what the booklet for  
Hex(E29244) contains.

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**Color**

**Hex(E29244)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E29244
RGB	226, 146, 68
RGB Percent	89%, 57%, 27%
CMY	0.1137, 0.4275, 0.7333
CMYK	0.00, 0.35, 0.70, 0.11
HSL	30°, 73%, 58%
HSV	30°, 70%, 89%
XYZ	42.6863, 37.1439, 10.3885
YIQ	161.0280, 72.7180, -7.2980

# Conversions

## Conversions Part 2

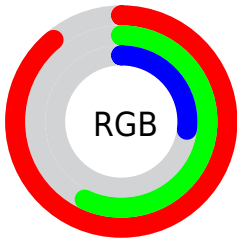
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 222, 68
Decimal	14848580
CIE Lab	67.38, 23.48, 52.38
CIE LCh	67, 57.401, 65.851
Yxy	37.1439, 0.4731, 0.4117
Android (android.graphics.Color)	4293038660 (0xFFE29244)
YUV	161.0280, -45.8628, 56.9804
Hunter-Lab	60.9458, 18.3659, 32.5558

# Details

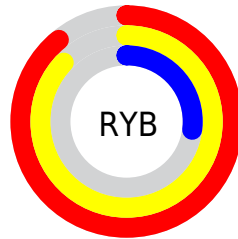
The Hex color **E29244** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4494E2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC878**, and **A65F0E** is the 20% darker color. If you saturate the color by 10%, you get **E2872D**, and if you desaturate by 10%, it is **E29D5B**.

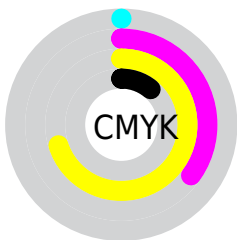
# Distribution



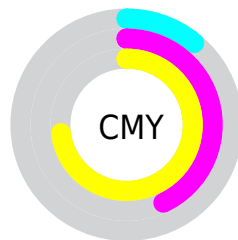
- Red (89%)
- Green (57%)
- Blue (27%)



- Red (89%)
- Yellow (87%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E29244 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 E29244 by changing the saturation by 10% instead.



 E29244

 E29244

FFFFFF

 C4782A

 FFC878

 A65F0E

 FFE492

 884700

 FFFFAD

 6C3000

 FFFF C9

 4F1A00

 FFFF E6

 340400

 190001

 000000

 E29244

 E29244

 E2872D

 E29D5B

 E27B17

 E2A971

 E27000

 E2B488

 E2C09E

 E2CBB5

 E2D7CC

 E2E2E2

 E2EEF9

 E2F9FF

# Harmonies

## Analogous

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



FE7F6A



E29244



B7A536

# Triad

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



E29244



00BEAD



B492F8

# Complementary

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



E29244



4494E2

# 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.



50A6FF



E29244



00BCDF

# Square

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



E29244



2BBA78



00B5FF



EB7ECF

# Rectangle

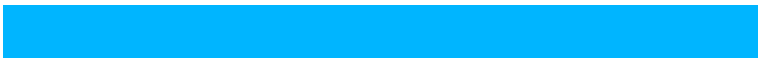
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E29244



94AE41



00B5FF



9A99FF

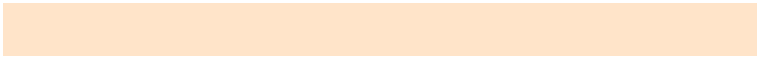


# Sweetspot

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



E29244



FFE4C9



E24496



806F60



000000



808080



# Same Dimension

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



E29244



FF9329



E2DF44



706B65



B05700



301800



# Inverse Universe

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



4494E2



2995FF



4447E2



656B70



0059B0



001930



# Previews

## White Background



This preview shows how the Hex color E29244 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

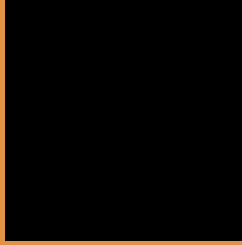
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E29244 Background



This preview shows how black text looks on a background with the Hex color E29244.



This preview shows how white text looks on a background with the Hex color E29244.

# 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**  
E29244

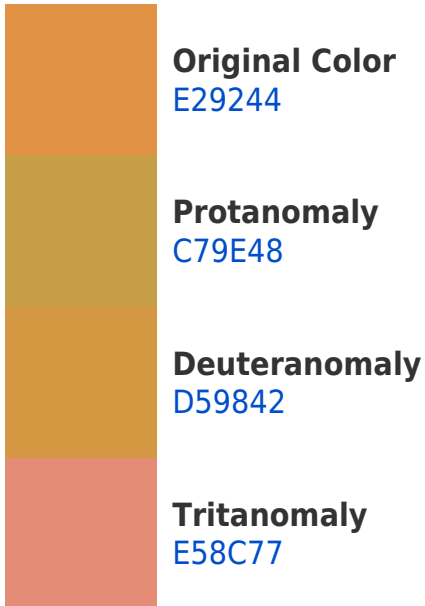
**Protanopia**  
B7A54A

**Deuteranopia**  
CD9C41

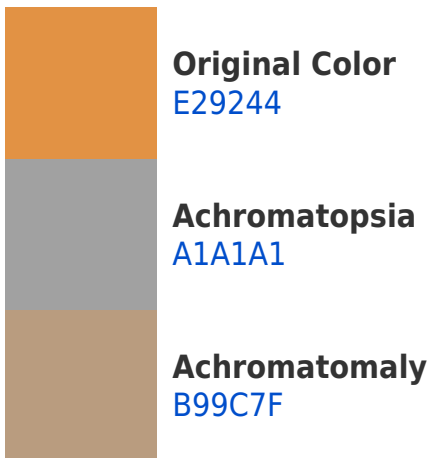


**Tritanopia**  
E78994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E29244 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 #E29244 looks like.

```
.text, #text, p{  
    color:#E29244  
}
```

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 #E29244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E29244
}
```

## Border

The CSS property to change the border of an element to Hex E29244 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
#E29244 }
```

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

```
.border{ border-color:#E29244 }
```

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

Here you see how a box with a 4 pixel #E29244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E29244; -webkit-box-shadow:4px 4px  
4px 4px #E29244; box-shadow:4px 4px 4px  
4px #E29244 }
```

# Background

The CSS property to change the background color of an element to Hex E29244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E29244 }
```

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

```
.background{ background-color:#E29244 }
```

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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