

# Converting Colors

Hex(E29256)

Have a look what the booklet for  
Hex(E29256) contains.

<b>Hex(E29256)</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(E29256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E29256
RGB	226, 146, 86
RGB Percent	89%, 57%, 34%
CMY	0.1137, 0.4275, 0.6627
CMYK	0.00, 0.35, 0.62, 0.11
HSL	26°, 71%, 61%
HSV	26°, 62%, 89%
XYZ	43.3226, 37.3984, 13.7394
YIQ	163.0800, 66.9400, -1.7000

# Conversions

## Conversions Part 2

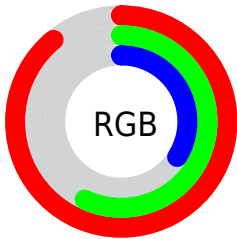
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 191, 86
Decimal	14848598
CIE <sub>Lab</sub>	67.57, 24.56, 43.78
CIE <sub>LCh</sub>	68, 50.197, 60.710
Yxy	37.3984, 0.4586, 0.3959
Android (android.graphics.Color)	4293038678 (0xFFE29256)
YUV	163.0800, -38.0004, 55.1808
Hunter-Lab	61.1542, 19.4323, 29.4874

# Details

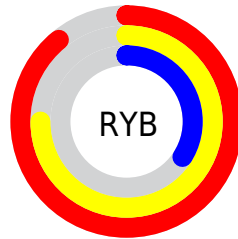
The Hex color **E29256** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **56A6E2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC889**, and **A65F25** is the 20% darker color. If you saturate the color by 10%, you get **E2853F**, and if you desaturate by 10%, it is **E29F6D**.

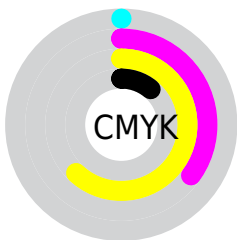
# Distribution



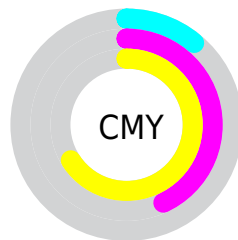
- Red (89%)
- Green (57%)
- Blue (34%)



- Red (89%)
- Yellow (75%)
- Blue (34%)



- Cyan (0%)
- Magenta (35%)
- Yellow (62%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E29256 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 E29256 by changing the saturation by 10% instead.



 E29256

 E29256

FFFFFF

 C4783D

 FFC889

 A65F25

 FFE4A4

 89470B

 FFFFC0

 6D2F00

 FFFFDC

 511900

 FFFFF9

 360300

 1B0001

 000000

 E29256

 E29256

 E2853F

 E29F6D

 E27829

 E2AC83

 E26B12

 E2B99A

 E26100

 E2C6B0

 E2D3C7

 E2DFDE

 E2ECF4

 E2F9FF

 E2FFFF

# Harmonies

## Analogous

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



F78379



E29256



BEA247

# Triad

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



E29256



00BBA4



A998F3

# Complementary

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



E29256



56A6E2

# 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.



52A9FF



E29256



00BBD1

# Square

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



E29256



55B877



00B5F3



DD87D2

# Rectangle

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



E29256



A0AC4C



00B5F3



919EF9

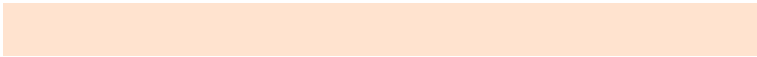


# Sweetspot

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



E29256



FFE3CF



E256A8



806F62



000000



808080



# Same Dimension

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



E29256



FF9342



E2D656



706A65



B04B00



301500



# Inverse Universe

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



56A6E2



42AEFF



5662E2



656B70



0065B0

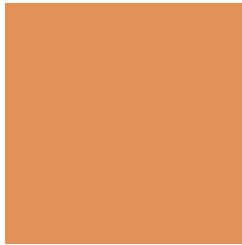


001C30



# Previews

## White Background



This preview shows how the Hex color E29256 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

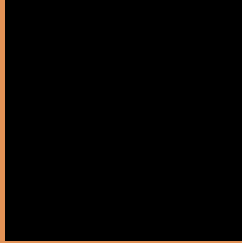
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E29256 Background



This preview shows how black text looks on a background with the Hex color E29256.



This preview shows how white text looks on a background with the Hex color E29256.

# 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](#).

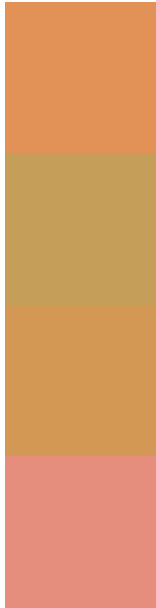
## Dichromacy





**Tritanopia**  
E68B95

# Trichromacy



**Original Color**  
E29256

**Protanomaly**  
C59E5A

**Deuteranomaly**  
D39954

**Tritanomaly**  
E58E7E

# Monochromacy



**Original Color**  
E29256

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
BA9D87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E29256 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 #E29256 looks like.

```
.text, #text, p{  
    color:#E29256  
}
```

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 #E29256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E29256
}
```

## Border

The CSS property to change the border of an element to Hex E29256 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
#E29256 }
```

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

```
.border{ border-color:#E29256 }
```

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

Here you see how a box with a 4 pixel #E29256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E29256; -webkit-box-shadow:4px 4px  
4px 4px #E29256; box-shadow:4px 4px 4px  
4px #E29256 }
```

# Background

The CSS property to change the background color of an element to Hex E29256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E29256 }
```

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

```
.background{ background-color:#E29256 }
```

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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