

# Converting Colors

Hex(E28D14)

Have a look what the booklet for  
Hex(E28D14) contains.

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**Color**

**Hex(E28D14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E28D14
RGB	226, 141, 20
RGB Percent	89%, 55%, 8%
CMY	0.1137, 0.4471, 0.9216
CMYK	0.00, 0.38, 0.91, 0.11
HSL	35°, 84%, 48%
HSV	35°, 91%, 89%
XYZ	41.0152, 35.2690, 5.3077
YIQ	152.6210, 89.5010, -19.6110

# Conversions

## Conversions Part 2

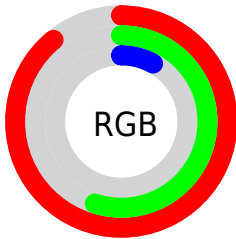
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 226, 20
Decimal	14847252
CIELab	65.96, 24.57, 68.25
CIElCh	66, 72.535, 70.198
Yxy	35.2690, 0.5027, 0.4323
Android (android.graphics.Color)	4293037332 (0xFFE28D14)
YUV	152.6210, -65.3822, 64.3534
Hunter-Lab	59.3877, 19.3497, 36.2725

# Details

The Hex color **E28D14** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1469E2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC351**, and **A45A00** is the 20% darker color. If you saturate the color by 10%, you get **E28500**, and if you desaturate by 10%, it is **E2962B**.

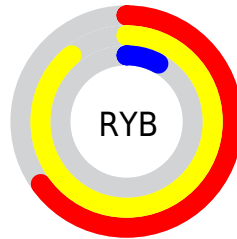
# Distribution



Red (89%)

Green (55%)

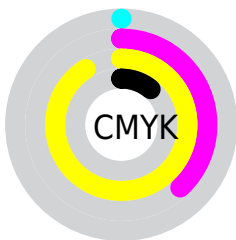
Blue (8%)



Red (65%)

Yellow (89%)

Blue (8%)

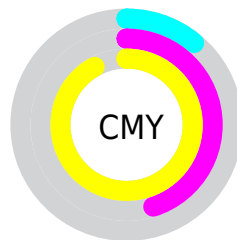


Cyan (0%)

Magenta (38%)

Yellow (91%)

Black (11%)



Cyan (11%)

Magenta (45%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E28D14 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 E28D14 by changing the saturation by 10% instead.



 E28D14

 E28D14

FFFFFF

 C37300

 FFC351

 A45A00

 FFDF6C

 864300

 FFFB88

 692C00


 FFFFA4

 4D1500

 FFFFC0

 320000

 FFFFDD

 110000

 FFFFFA

 000000

 E28D14

 E28D14

 E28500

 E2962B

 E2A041

 E2A958

 E2B26E

 E2BC85

 E2C59C

 E2CEB2

 E2D8C9

 E2E1DF

# Harmonies

## Analogous

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



FF704F



E28D14



ABA400

# Triad

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



E28D14



00BEB5



BF85FF

# Complementary

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



E28D14



1469E2

# 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.



1FA1FF



E28D14



00BCF3

# Square

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



E28D14



00BC72



00B3FF



FE67CE

# Rectangle

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



E28D14



7EAF1C



00B3FF



9E8FFF

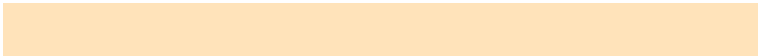


# Sweetspot

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



E28D14



FFE3BA



E2146A



806F57



000000



808080



# Same Dimension

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



E28D14



FF9600



D1E214



706C65



B06700



301C00



# Inverse Universe

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



1469E2



0069FF



2514E2



656A70



0049B0



001430



# Previews

## White Background



This preview shows how the Hex color E28D14 looks on a white background.

## Color Contrast Check

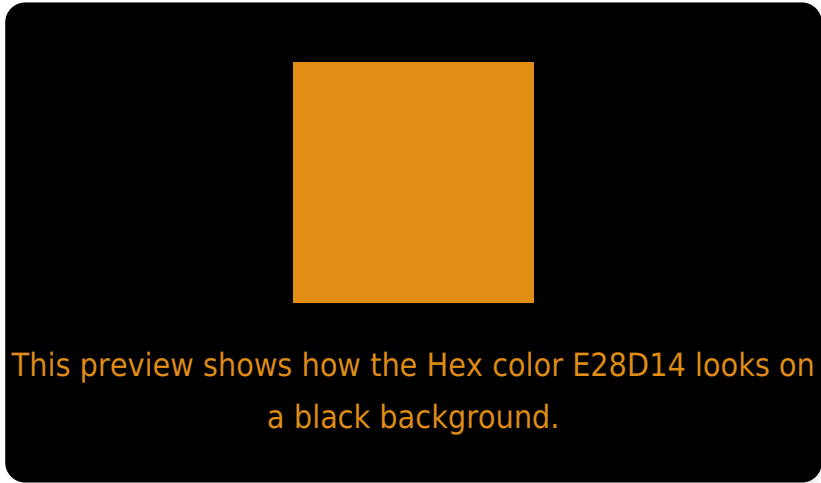
Large Text (above 18pt) WCAG AA × Fail

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 E28D14 Background



This preview shows how black text looks on a background with the Hex color E28D14.



This preview shows how white text looks on a background with the Hex color E28D14.

# 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**  
E28D14

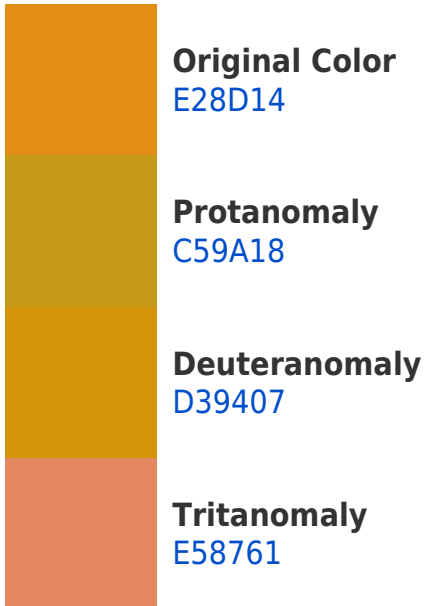
**Protanopia**  
B5A11A

**Deuteranopia**  
CB9800

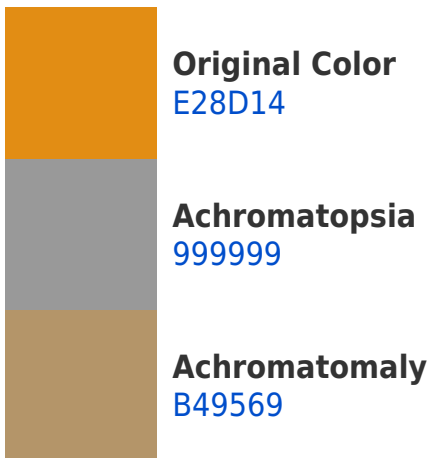


**Tritanopia**  
E7838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E28D14 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 #E28D14 looks like.

```
.text, #text, p{  
    color:#E28D14  
}
```

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 #E28D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28D14
}
```

## Border

The CSS property to change the border of an element to Hex E28D14 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
#E28D14 }
```

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

```
.border{ border-color:#E28D14 }
```

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

Here you see how a box with a 4 pixel #E28D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28D14; -webkit-box-shadow:4px 4px  
4px 4px #E28D14; box-shadow:4px 4px 4px  
4px #E28D14 }
```

# Background

The CSS property to change the background color of an element to Hex E28D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28D14 }
```

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

```
.background{ background-color:#E28D14 }
```

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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