

# Converting Colors

Decimal(14849349)

Have a look what the booklet for  
Decimal(14849349) contains.

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# **Color**

**Decimal(14849349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E29545
RGB	226, 149, 69
RGB Percent	89%, 58%, 27%
CMY	0.1137, 0.4157, 0.7294
CMYK	0.00, 0.34, 0.69, 0.11
HSL	31°, 73%, 58%
HSV	31°, 69%, 89%
XYZ	43.1857, 38.0933, 10.7068
YIQ	162.9030, 71.5720, -8.5560

# Conversions

## Conversions Part 2

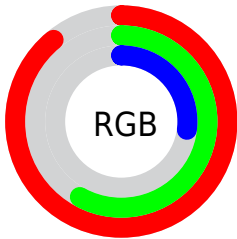
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 226, 69
Decimal	14849349
CIE <sub>Lab</sub>	68.09, 21.93, 52.67
CIE <sub>LCh</sub>	68, 57.053, 67.390
Yxy	38.0933, 0.4695, 0.4141
Android (android.graphics.Color)	4293039429 (0xFFE29545)
YUV	162.9030, -46.2942, 55.3361
Hunter-Lab	61.7198, 16.8878, 32.9185

# Details

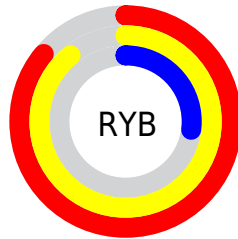
The Decimal color **14849349** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4559586**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16763769**, and **10904079** is the 20% darker color. If you saturate the color by 10%, you get **14846510**, and if you desaturate by 10%, it is **14852188**.

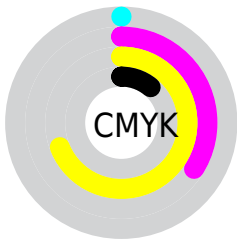
# Distribution



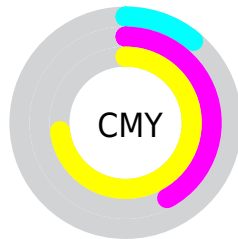
- Red (89%)
- Green (58%)
- Blue (27%)



- Red (86%)
- Yellow (89%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14849349 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 Decimal color 14849349 by changing the saturation by 10% instead.



 14849349

 14849349

16777215

 12876587

 16763769

 10904079

 16770963

 8997376

 16777135

 7090944

 16777163

 5250304

 16777191

 3475200

 1769473

 0

 14849349

 14849349

 14846510

 14852188

 14843672

 14855026

 14840833

 14857865

 14840576

 14860703

 14863542

 14866637

 14869475

 14872314

 14875135

# Harmonies

## Analogous

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



16679530



14849349



12035897

# Triad

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



14849349



49074



12227576

# Complementary

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



14849349



4559586

# 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.



6006783



14849349



48867

# Square

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



14849349



2604412



46847



15695823

# Rectangle

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



14849349



9679173



46847



10525439

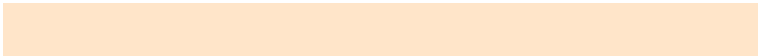


# Sweetspot

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



14849349



16770505



14828947



8417376



0



8421504



# Same Dimension

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



14849349



16750379



14869061



7367525



11557376



3152128



# Inverse Universe

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



4559586



2855935



4539874



6646384



22192



6192



# Previews

## White Background



This preview shows how the Decimal color 14849349 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



This preview shows how the Decimal color 14849349 looks on a 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](#).



## Decimal 14849349 Background



This preview shows how black text looks on a background with the Decimal color 14849349.



This preview shows how white text looks on a background with the Decimal color 14849349.

# 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**  
14849349

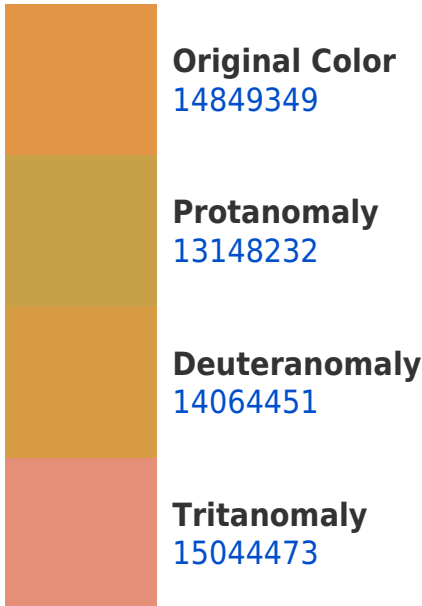
**Protanopia**  
12166986

**Deuteranopia**  
13606466



**Tritanopia**  
15174807

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14849349 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 #E29545 looks like.

```
.text, #text, p{  
    color:#E29545  
}
```

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 #E29545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E29545
}
```

## Border

The CSS property to change the border of an element to Decimal 14849349 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
#E29545 }
```

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

```
.border{ border-color:#E29545 }
```

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

Here you see how a box with a 4 pixel #E29545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E29545; -webkit-box-shadow:4px 4px  
4px 4px #E29545; box-shadow:4px 4px 4px  
4px #E29545 }
```

# Background

The CSS property to change the background color of an element to Decimal 14849349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E29545 }
```

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

```
.background{ background-color:#E29545 }
```

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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