

# Converting Colors

Decimal(14919424)

Have a look what the booklet for  
Decimal(14919424) contains.

<b>Decimal(14919424)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(14919424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3A700
RGB	227, 167, 0
RGB Percent	89%, 65%, 0%
CMY	0.1098, 0.3451, 1.0000
CMYK	0.00, 0.26, 1.00, 0.11
HSL	44°, 100%, 45%
HSV	44°, 100%, 89%
XYZ	45.4973, 43.9683, 6.0888
YIQ	165.9020, 89.3670, -39.2170

# Conversions

## Conversions Part 2

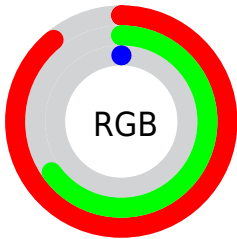
Format	Color
<a href="#">RYB</a>	<a href="#">82, 227, 0</a>
Decimal	<a href="#">14919424</a>
CIELab	<a href="#">72.21, 10.92, 75.60</a>
CIELCh	<a href="#">72, 76.386, 81.778</a>
Yxy	<a href="#">43.9683, 0.4761, 0.4601</a>
Android (android.graphics.Color)	<a href="#">4293109504 (0xFFE3A700)</a>
YUV	<a href="#">165.9020, -81.7897, 53.5829</a>
Hunter-Lab	<a href="#">66.3086, 6.4367, 40.9717</a>

# Details

The Decimal color **14919424** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **15587**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16768590**, and **10908416** is the 20% darker color. If you saturate the color by 10%, you get **14919424**, and if you desaturate by 10%, it is **14920983**.

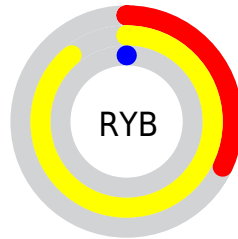
# Distribution



Red (89%)

Green (65%)

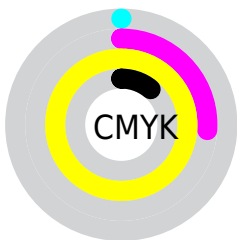
Blue (0%)



Red (32%)

Yellow (89%)

Blue (0%)

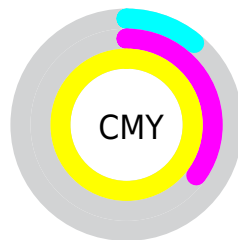


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (35%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14919424 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 14919424 by changing the saturation by 10% instead.



 14919424	 14919424
 16777215	 12881152
 16768590	 10908416
 16775787	 8936192
 16777095	 7029760
 16777124	 5189120
 16777152	 3479808
 16777181	 1900544
 16777211	 0

 14919424

 14920983

 14922541

 14924100

 14925659

 14927218

 14928776

 14930335

 14931894

 14933452

# Harmonies

## Analogous

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



16747075



14919424



10665233

# Triad

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



14919424



53731



15894527

# Complementary

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



14919424



15587

# 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.



9021439



14919424



52479

# Square

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



14919424



53403



49151



16739783

# Rectangle

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



14919424



7063103



49151



14127871



# Sweetspot

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



14919424



16772019



14876733



8418130



0



8421504



# Same Dimension

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



14919424



16759808



11461376



7565415



11764480



3352064



# Inverse Universe

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



15587



17407



3473635



6777459



12211



3379



# Previews

## White Background



This preview shows how the Decimal color 14919424 looks on a white background.

## Color Contrast Check

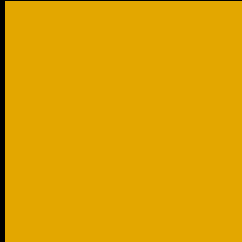
Large Text (above 18pt) WCAG AA × Fail

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 14919424 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 14919424 Background



This preview shows how black text looks on a background with the Decimal color 14919424.



This preview shows how white text looks on a background with the Decimal color 14919424.

# 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**  
14919424

**Protanopia**  
13152781

**Deuteranopia**  
14723072



**Tritanopia**  
15440807

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14919424 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 #E3A700 looks like.

```
.text, #text, p{  
    color:#E3A700  
}
```

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 #E3A700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A700
}
```

## Border

The CSS property to change the border of an element to Decimal 14919424 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
#E3A700 }
```

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

```
.border{ border-color:#E3A700 }
```

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

Here you see how a box with a 4 pixel #E3A700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A700; -webkit-box-shadow:4px 4px  
4px 4px #E3A700; box-shadow:4px 4px 4px  
4px #E3A700 }
```

# Background

The CSS property to change the background color of an element to Decimal 14919424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A700 }
```

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

```
.background{ background-color:#E3A700 }
```

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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