

Converting Colors

Decimal(14724630)

Have a look what the booklet for
Decimal(14724630) contains.

Decimal(14724630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(14724630)

Conversions

Conversions Part 1

Format	Color
Hex	E0AE16
RGB	224, 174, 22
RGB Percent	88%, 68%, 9%
CMY	0.1216, 0.3176, 0.9137
CMYK	0.00, 0.22, 0.90, 0.12
HSL	45°, 82%, 48%
HSV	45°, 90%, 88%
XYZ	46.0213, 46.1773, 7.2466
YIQ	171.6220, 78.5920, -36.6720

Conversions

Conversions Part 2

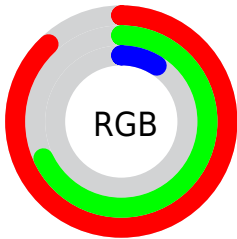
Format	Color
RYB	88, 224, 22
Decimal	14724630
CIELab	73.66, 6.16, 73.54
CIElCh	74, 73.794, 85.214
Yxy	46.1773, 0.4628, 0.4643
Android (android.graphics.Color)	4292914710 (0xFFE0AE16)
YUV	171.6220, -73.7636, 45.9355
Hunter-Lab	67.9539, 1.9686, 41.2451

Details

The Decimal color **14724630** 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 **1460448**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16770391**, and **10779136** is the 20% darker color. If you saturate the color by 10%, you get **14723328**, and if you desaturate by 10%, it is **14726188**.

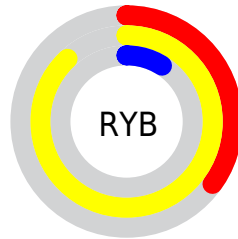
Distribution



Red (88%)

Green (68%)

Blue (9%)



Red (35%)

Yellow (88%)

Blue (9%)

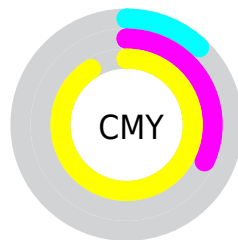


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (12%)



Cyan (12%)



















Magenta (32%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14724630 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 14724630 by changing the saturation by 10% instead.

 14724630	 14724630
16777215	 12751872
 16770391	 10779136
 16777075	 8806656
 16777104	 6900224
 16777132	 5125120
 16777161	 3350272
 16777190	 1771520
	 0
 14724630	 14724630

■ 14723328

■ 14726188

■ 14727491

■ 14729049

■ 14730352

■ 14731910

■ 14733212

■ 14734771

■ 14736073

■ 14737632

Harmonies

Analogous

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



16749380



14724630



10469929

Triad

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



14724630



54509



16550399

Complementary

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



14724630



1460448

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.



10529023



14724630



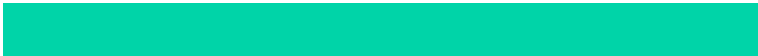
53247

Square

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



14724630



54440



49407



16741315

Rectangle

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



14724630



6802254



49407



14980095

Sweetspot

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



14724630



16772794



14685769



8418647



0



8421504

Same Dimension

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



14724630



16760832



11395094



7368037



11568128



3154944

Inverse Universe

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



1460448



16383



4789984



6645872



11440



3120

Previews

White Background



This preview shows how the Decimal color 14724630 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 14724630 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 14724630 Background



This preview shows how black text looks on a background with the Decimal color 14724630.



This preview shows how white text looks on a background with the Decimal color 14724630.

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
14724630

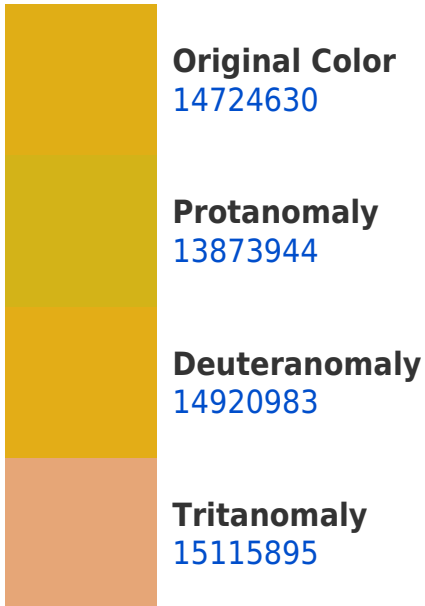
Protanopia
13415961

Deuteranopia
15051800



Tritanopia
15311534

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 14724630 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 #E0AE16 looks like.

```
.text, #text, p{  
    color:#E0AE16  
}
```

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 #E0AE16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AE16
}
```

Border

The CSS property to change the border of an element to Decimal 14724630 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
#E0AE16 }
```

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

```
.border{ border-color:#E0AE16 }
```

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

Here you see how a box with a 4 pixel #E0AE16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AE16; -webkit-box-shadow:4px 4px  
4px 4px #E0AE16; box-shadow:4px 4px 4px  
4px #E0AE16 }
```

Background

The CSS property to change the background color of an element to Decimal 14724630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AE16 }
```

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

```
.background{ background-color:#E0AE16 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor