

# Converting Colors

Decimal(14727740)

Have a look what the booklet for  
Decimal(14727740) contains.

<b>Decimal(14727740)</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(14727740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0BA3C
RGB	224, 186, 60
RGB Percent	88%, 73%, 24%
CMY	0.1216, 0.2706, 0.7647
CMYK	0.00, 0.17, 0.73, 0.12
HSL	46°, 73%, 56%
HSV	46°, 73%, 88%
XYZ	49.1150, 51.2913, 11.5865
YIQ	182.9980, 63.0940, -31.1300

# Conversions

## Conversions Part 2

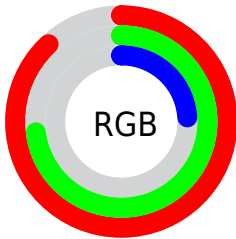
Format	Color
<a href="#">RYB</a>	<a href="#">109, 224, 60</a>
Decimal	<a href="#">14727740</a>
CIELab	<a href="#">76.86, 0.99, 65.32</a>
CIELCh	<a href="#">77, 65.327, 89.128</a>
Yxy	<a href="#">51.2913, 0.4386, 0.4580</a>
Android (android.graphics.Color)	<a href="#">4292917820</a> ( <a href="#">0xFFE0BA3C</a> )
YUV	<a href="#">182.9980, -60.6380, 35.9588</a>
Hunter-Lab	<a href="#">71.6180, -2.9177, 40.5405</a>

# Details

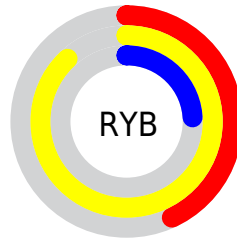
The Decimal color **14727740** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **3957472**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16773747**, and **10847488** is the 20% darker color. If you saturate the color by 10%, you get **14726438**, and if you desaturate by 10%, it is **14729042**.

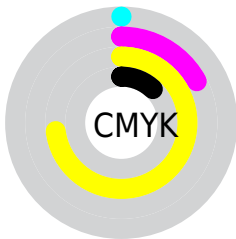
# Distribution



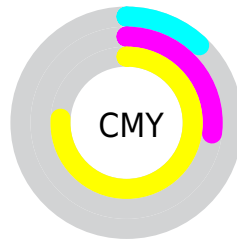
- Red (88%)
- Green (73%)
- Blue (24%)



- Red (43%)
- Yellow (88%)
- Blue (24%)



- Cyan (0%)
- Magenta (17%)
- Yellow (73%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14727740 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 14727740 by changing the saturation by 10% instead.



 14727740

 14727740

16777215

 12754717

 16773747

 10847488

 16777103

 8940544

 16777131

 7099392

 16777159

 5258496

 16777188

 3549184

 1905664

 0

 14727740

 14727740

14726438

14729042

14725135

14730345

14724096

14731903

14733206

14734508

14735810

14737113

14738671

14739967

# Harmonies

## Analogous

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



16753493



14727740



10799949

# Triad

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



14727740



56055



16750333

# Complementary

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



14727740



3957472

# Split Complementary

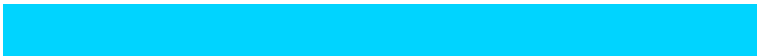
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12365567



14727740



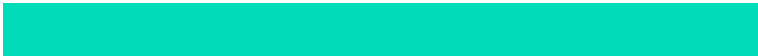
54527

# Square

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



14727740



56250



574975



16746434

# Rectangle

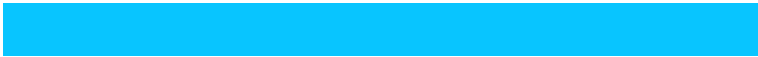
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14727740



7459691



574975



15900415



# Sweetspot

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



14727740



16773831



14695522



8419422



0



8421504



# Same Dimension

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



14727740



16763679



11853884



7368293



11568896



3155200



# Inverse Universe

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



3957472



2053119



6831328



6645872



10672



2864



# Previews

## White Background



This preview shows how the Decimal color 14727740 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 14727740 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 14727740 Background



This preview shows how black text looks on a background with the Decimal color 14727740.



This preview shows how white text looks on a background with the Decimal color 14727740.

# 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**  
14727740

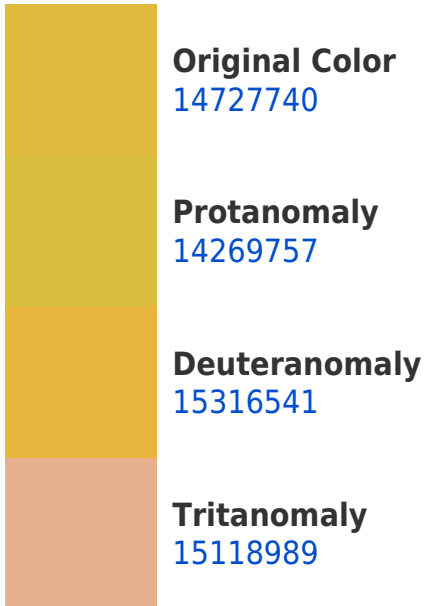
**Protanopia**  
14007869

**Deuteranopia**  
15643710



**Tritanopia**  
15314619

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14727740 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 #E0BA3C looks like.

```
.text, #text, p{  
  color:#E0BA3C  
}
```

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 #E0BA3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0BA3C
}
```

## Border

The CSS property to change the border of an element to Decimal 14727740 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
#E0BA3C }
```

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

```
.border{ border-color:#E0BA3C }
```

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

Here you see how a box with a 4 pixel #E0BA3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0BA3C; -webkit-box-shadow:4px 4px  
4px 4px #E0BA3C; box-shadow:4px 4px 4px  
4px #E0BA3C }
```

# Background

The CSS property to change the background color of an element to Decimal 14727740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0BA3C }
```

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

```
.background{ background-color:#E0BA3C }
```

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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