

# Converting Colors

Decimal(14527004)

Have a look what the booklet for  
Decimal(14527004) contains.

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# **Color**

**Decimal(14527004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDAA1C
RGB	221, 170, 28
RGB Percent	87%, 67%, 11%
CMY	0.1333, 0.3333, 0.8902
CMYK	0.00, 0.23, 0.87, 0.13
HSL	44°, 78%, 49%
HSV	44°, 87%, 87%
XYZ	44.4031, 44.2054, 7.2908
YIQ	169.0610, 75.9780, -33.3500

# Conversions

## Conversions Part 2

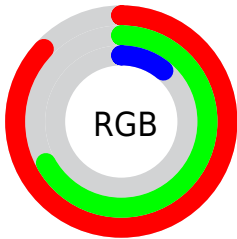
Format	Color
R <sub>Y</sub> B	97, 221, 28
Decimal	14527004
CIE Lab	72.37, 7.08, 71.14
CIE LCh	72, 71.491, 84.316
Yxy	44.2054, 0.4630, 0.4610
Android (android.graphics.Color)	4292717084 (0xFFDDAA1C)
YUV	169.0610, -69.5431, 45.5505
Hunter-Lab	66.4872, 2.8578, 40.0394

# Details

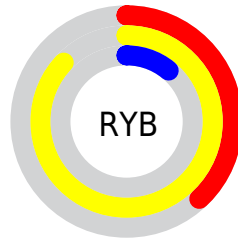
The Decimal color **14527004** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1855453**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16769370**, and **10581504** is the 20% darker color. If you saturate the color by 10%, you get **14525446**, and if you desaturate by 10%, it is **14528562**.

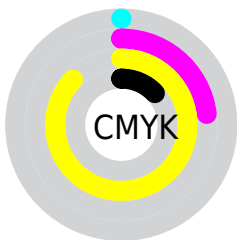
# Distribution



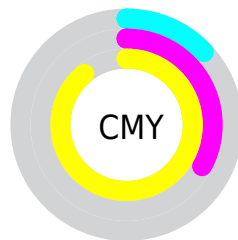
- Red (87%)
- Green (67%)
- Blue (11%)



- Red (38%)
- Yellow (87%)
- Blue (11%)



- Cyan (0%)
- Magenta (23%)
- Yellow (87%)
- Black (13%)





















- Cyan (13%)
- Magenta (33%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14527004 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 14527004 by changing the saturation by 10% instead.



 14527004	 14527004
16777215	 12554240
 16769370	 10581504
 16776566	 8674816
 16777106	 6768384
 16777134	 4927488
 16777162	 3218432
 16777192	 1639168
	 0
 14527004	 14527004

■ 14525446

■ 14528562

■ 14525184

■ 14530120

■ 14531678

■ 14532980

■ 14534539

■ 14536097

■ 14537655

■ 14539213

■ 14540771

# Harmonies

## Analogous

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



16748615



14527004



10468906

# Triad

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



14527004



53478



16025855

# Complementary

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



14527004



1855453

# 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.



10135039



14527004



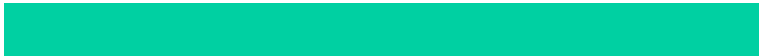
52223

# Square

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



14527004



53410



48639



16741313

# Rectangle

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



14527004



6997837



48639



14455551



# Sweetspot

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



14527004



16772541



14490703



8418648



0



8421504



# Same Dimension

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



14527004



16759808



11590940



7236451



11370496



3023360



# Inverse Universe

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



1855453



17407



4791517



6514286



11949



3118



# Previews

## White Background



This preview shows how the Decimal color 14527004 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 14527004 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 14527004 Background



This preview shows how black text looks on a background with the Decimal color 14527004.



This preview shows how white text looks on a background with the Decimal color 14527004.

# 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**  
14527004

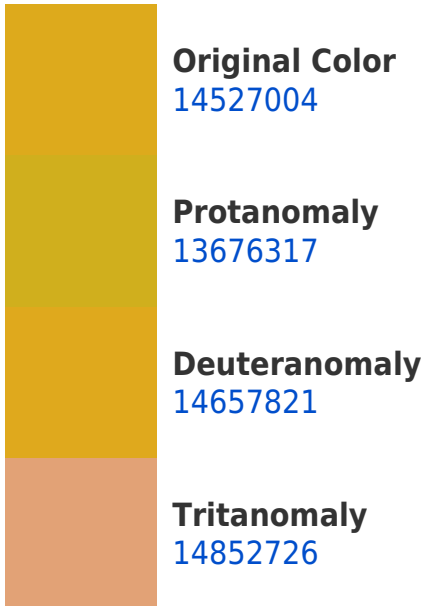
**Protanopia**  
13152798

**Deuteranopia**  
14723357



**Tritanopia**  
15048362

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14527004 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 #DDAA1C looks like.

```
.text, #text, p{  
    color:#DDAA1C  
}
```

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 #DDAA1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDAA1C
}
```

## Border

The CSS property to change the border of an element to Decimal 14527004 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
#DDAA1C }
```

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

```
.border{ border-color:#DDAA1C }
```

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

Here you see how a box with a 4 pixel #DDAA1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDAA1C; -webkit-box-shadow:4px 4px  
4px 4px #DDAA1C; box-shadow:4px 4px 4px  
4px #DDAA1C }
```

# Background

The CSS property to change the background color of an element to Decimal 14527004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDAA1C }
```

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

```
.background{ background-color:#DDAA1C }
```

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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