

# Converting Colors

Decimal(13741365)

Have a look what the booklet for  
Decimal(13741365) contains.

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# **Color**

**Decimal(13741365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1AD35
RGB	209, 173, 53
RGB Percent	82%, 68%, 21%
CMY	0.1804, 0.3216, 0.7922
CMYK	0.00, 0.17, 0.75, 0.18
HSL	46°, 63%, 51%
HSV	46°, 75%, 82%
XYZ	41.8807, 43.6995, 9.5957
YIQ	170.0840, 59.9760, -29.6880

# Conversions

## Conversions Part 2

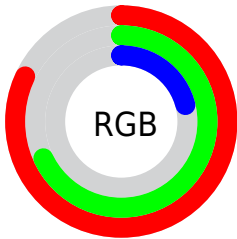
Format	Color
R <sub>YB</sub>	100, 209, 53
Decimal	13741365
CIE Lab	72.03, 1.05, 62.77
CIE LCh	72, 62.777, 89.042
Yxy	43.6995, 0.4400, 0.4591
Android (android.graphics.Color)	4291931445 (0xFFD1AD35)
YUV	170.0840, -57.7224, 34.1293
Hunter-Lab	66.1056, -2.5975, 37.6676

# Details

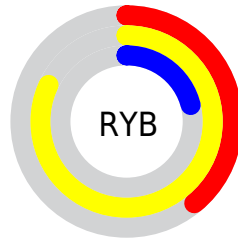
The Decimal color **13741365** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3496401**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16770156**, and **9861376** is the 20% darker color. If you saturate the color by 10%, you get **13740064**, and if you desaturate by 10%, it is **13742666**.

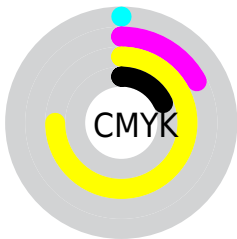
# Distribution



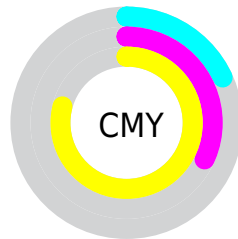
- Red (82%)
- Green (68%)
- Blue (21%)



- Red (39%)
- Yellow (82%)
- Blue (21%)



- Cyan (0%)
- Magenta (17%)
- Yellow (75%)
- Black (18%)






















- Cyan (18%)
- Magenta (32%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13741365 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 13741365 by changing the saturation by 10% instead.



 13741365	 13741365
 16777215	 11768597
 16770156	 9861376
 16777095	 8020224
 16777123	 6179072
 16777151	 4403968
 16777180	 2760192
 16777209	 919040
	 0
 13741365	 13741365

■ 13740064

■ 13742666

■ 13738763

■ 13743967

■ 13738240

■ 13745012

■ 13746313

■ 13747614

■ 13748914

■ 13750215

■ 13751516

■ 13752561

# Harmonies

## Analogous

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



16619342



13741365



10009925

# Triad

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



13741365



52455



16091884

# Complementary

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



13741365



3496401

# 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.



11510527



13741365



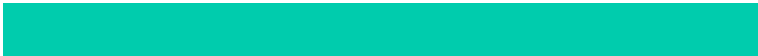
50687

# Square

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



13741365



52397



47103



16743605

# Rectangle

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



13741365



6866274



47103



14848764

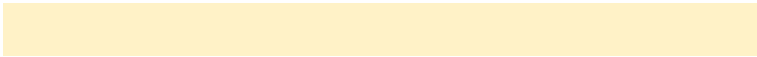


# Sweetspot

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



13741365



16773831



13710681



8419422



0



8421504



# Same Dimension

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



13741365



16763417



10998069



6907486



11043072



2694912



# Inverse Universe

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



3496401



1658623



6239697



6185321



10152



2345



# Previews

## White Background



This preview shows how the Decimal color 13741365 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 13741365 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 13741365 Background



This preview shows how black text looks on a background with the Decimal color 13741365.



This preview shows how white text looks on a background with the Decimal color 13741365.

# 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**  
13741365

**Protanopia**  
13021494

**Deuteranopia**  
14526519



**Tritanopia**  
14328494

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13741365 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 #D1AD35 looks like.

```
.text, #text, p{  
    color:#D1AD35  
}
```

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 #D1AD35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1AD35
}
```

## Border

The CSS property to change the border of an element to Decimal 13741365 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
#D1AD35 }
```

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

```
.border{ border-color:#D1AD35 }
```

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

Here you see how a box with a 4 pixel #D1AD35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1AD35; -webkit-box-shadow:4px 4px  
4px 4px #D1AD35; box-shadow:4px 4px 4px  
4px #D1AD35 }
```

# Background

The CSS property to change the background color of an element to Decimal 13741365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1AD35 }
```

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

```
.background{ background-color:#D1AD35 }
```

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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