

# Converting Colors

Decimal(13855749)

Have a look what the booklet for  
Decimal(13855749) contains.

<b>Decimal(13855749)</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(13855749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D36C05
RGB	211, 108, 5
RGB Percent	83%, 42%, 2%
CMY	0.1725, 0.5765, 0.9804
CMYK	0.00, 0.49, 0.98, 0.17
HSL	30°, 95%, 42%
HSV	30°, 98%, 83%
XYZ	32.2539, 24.5850, 3.1890
YIQ	127.0550, 94.4510, -10.1970

# Conversions

## Conversions Part 2

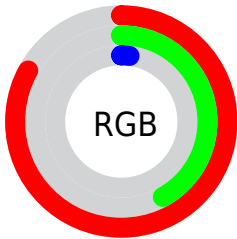
Format	Color
<a href="#">RYB</a>	<a href="#">211, 211, 5</a>
Decimal	<a href="#">13855749</a>
CIELab	<a href="#">56.67, 35.53, 63.64</a>
CIELCh	<a href="#">57, 72.886, 60.829</a>
Yxy	<a href="#">24.5850, 0.5373, 0.4096</a>
Android (android.graphics.Color)	<a href="#">4292045829</a> ( <a href="#">0xFFD36C05</a> )
YUV	<a href="#">127.0550, -60.1731, 73.6198</a>
Hunter-Lab	<a href="#">49.5832, 29.3437, 30.8950</a>

# Details

The Decimal color **13855749** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **355539**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16752964**, and **9779712** is the 20% darker color. If you saturate the color by 10%, you get **13855232**, and if you desaturate by 10%, it is **13858586**.

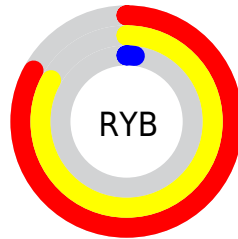
# Distribution



Red (83%)

Green (42%)

Blue (2%)



Red (83%)

Yellow (83%)

Blue (2%)

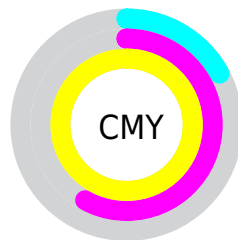


Cyan (0%)

Magenta (49%)

Yellow (98%)

Black (17%)



Cyan (17%)

Magenta (58%)













Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13855749 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 13855749 by changing the saturation by 10% instead.



 13855749	 13855749
16777215	 11817728
 16752964	 9779712
 16759903	 7807232
 16767098	 5833984
 16774549	 3997696
 16777137	 2293761
 16777165	 0
 16777194	
 13855749	 13855749

■ 13855232

■ 13858586

■ 13861167

■ 13864004

■ 13866585

■ 13869423

■ 13872004

■ 13874841

■ 13877422

■ 13880259

# Harmonies

## Analogous

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



15879499



13855749



10651136

# Triad

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



13855749



42120



8746742

# Complementary

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



13855749



355539

# 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.



36863



13855749



42184

# Square

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



13855749



41030



40695



13915591

# Rectangle

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



13855749



8032768



40695



5669119



# Sweetspot

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



13855749



16767669



13829484



8415571



0



8421504



# Same Dimension

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



13855749



16744448



13882117



6906718



11031552



2692096



# Inverse Universe

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



355539



33023



329171



6185833



21672



5161



# Previews

## White Background



This preview shows how the Decimal color 13855749 looks on a white background.

## Color Contrast Check

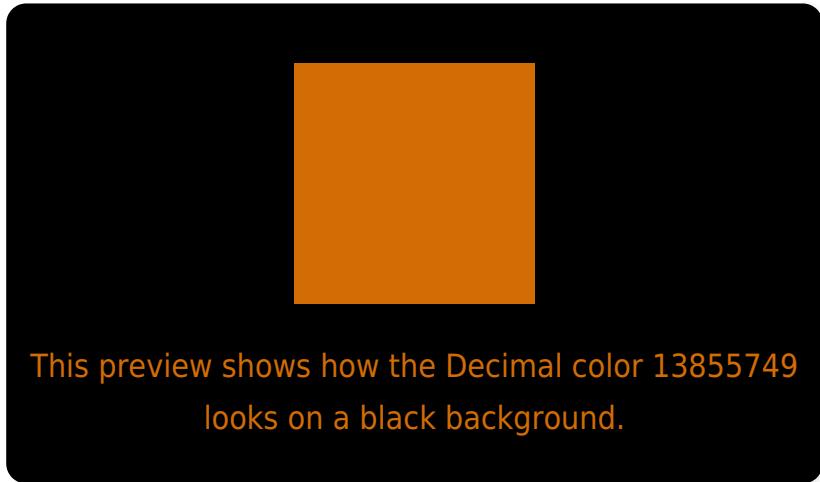
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13855749 Background



This preview shows how black text looks on a background with the Decimal color 13855749.



This preview shows how white text looks on a background with the Decimal color 13855749.

# 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**  
13855749

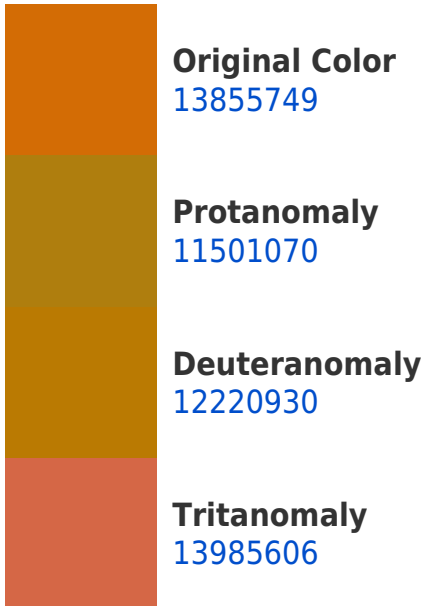
**Protanopia**  
10127635

**Deuteranopia**  
11305472



**Tritanopia**  
14050411

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13855749 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 #D36C05 looks like.

```
.text, #text, p{  
  color:#D36C05  
}
```

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 #D36C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36C05
}
```

## Border

The CSS property to change the border of an element to Decimal 13855749 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
#D36C05 }
```

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

```
.border{ border-color:#D36C05 }
```

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

Here you see how a box with a 4 pixel #D36C05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36C05; -webkit-box-shadow:4px 4px  
4px 4px #D36C05; box-shadow:4px 4px 4px  
4px #D36C05 }
```

# Background

The CSS property to change the background color of an element to Decimal 13855749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36C05 }
```

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

```
.background{ background-color:#D36C05 }
```

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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