

Converting Colors

Decimal(13857555)

Have a look what the booklet for
Decimal(13857555) contains.

Decimal(13857555)	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(13857555)

Conversions

Conversions Part 1

Format	Color
Hex	D37313
RGB	211, 115, 19
RGB Percent	83%, 45%, 7%
CMY	0.1725, 0.5490, 0.9255
CMYK	0.00, 0.45, 0.91, 0.17
HSL	30°, 83%, 45%
HSV	30°, 91%, 83%
XYZ	33.1122, 26.1574, 3.9198
YIQ	132.7600, 88.0320, -9.5040

Conversions

Conversions Part 2

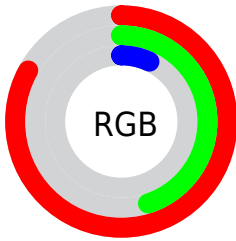
Format	Color
R _Y B	211, 211, 19
Decimal	13857555
CIE Lab	58.19, 32.05, 61.87
CIE LCh	58, 69.678, 62.613
Yxy	26.1574, 0.5240, 0.4140
Android (android.graphics.Color)	4292047635 (0xFFD37313)
YUV	132.7600, -56.0837, 68.6165
Hunter-Lab	51.1443, 26.0635, 31.2569

Details

The Decimal color **13857555** 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 **1274835**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16754764**, and **9847040** is the 20% darker color. If you saturate the color by 10%, you get **13855232**, and if you desaturate by 10%, it is **13860392**.

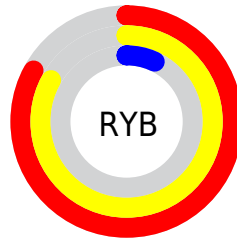
Distribution



Red (83%)

Green (45%)

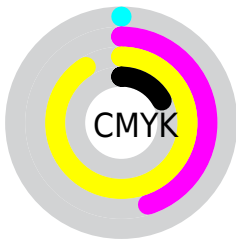
Blue (7%)



Red (83%)

Yellow (83%)

Blue (7%)

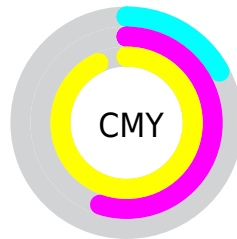


Cyan (0%)

Magenta (45%)

Yellow (91%)

Black (17%)



Cyan (17%)



















Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13857555 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 13857555 by changing the saturation by 10% instead.

 13857555	 13857555
16777215	 11819520
 16754764	 9847040
 16761703	 7874816
 16769153	 5902592
 16776348	 4063232
 16777144	 2490369
 16777173	 0
 16777202	
 13857555	 13857555

■ 13855232

■ 13860392

■ 13862973

■ 13865810

■ 13868391

■ 13871228

■ 13873810

■ 13876647

■ 13879228

■ 13882065

Harmonies

Analogous

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



15816526



13857555



10717952

Triad

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



13857555



42896



9533940

Complementary

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



13857555



1274835

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.



37631



13857555



42956

Square

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



13857555



42064



41208



14179269

Rectangle

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



13857555



8164864



41208



6914813

Sweetspot

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



13857555



16768442



13833075



8416087



0



8421504

Same Dimension

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



13857555



16744448



13882131



6906718



11031552



2692096

Inverse Universe

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



1274835



33023



1250259



6185833



21672



5161

Previews

White Background



This preview shows how the Decimal color 13857555 looks on a white background.

Color Contrast Check

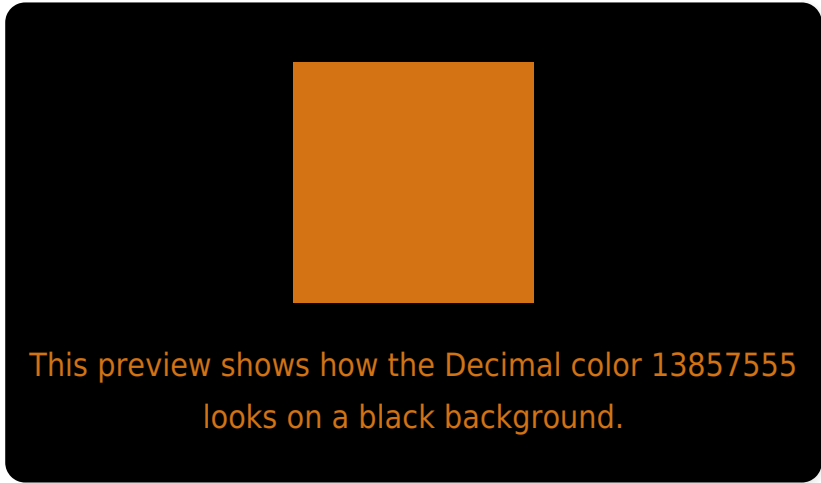
Large Text (above 18pt) WCAG AA ✓ Pass

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 13857555 Background



This preview shows how black text looks on a background with the Decimal color 13857555.



This preview shows how white text looks on a background with the Decimal color 13857555.

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
13857555

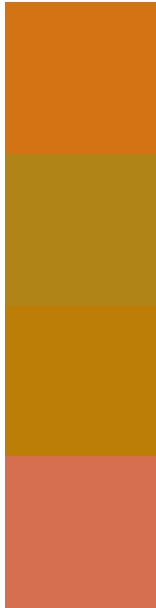
Protanopia
10390810

Deuteranopia
11633920



Tritanopia
14117747

Trichromacy



Original Color
13857555

Protanomaly
11633687

Deuteranomaly
12418567

Tritanomaly
14052944

Monochromacy



Original Color
13857555

Achromatopsia
8750469

Achromatomaly
10583644

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13857555 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 #D37313 looks like.

```
.text, #text, p{  
  color:#D37313  
}
```

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 #D37313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37313
}
```

Border

The CSS property to change the border of an element to Decimal 13857555 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
#D37313 }
```

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

```
.border{ border-color:#D37313 }
```

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

Here you see how a box with a 4 pixel #D37313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37313; -webkit-box-shadow:4px 4px  
4px 4px #D37313; box-shadow:4px 4px 4px  
4px #D37313 }
```

Background

The CSS property to change the background color of an element to Decimal 13857555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37313 }
```

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

```
.background{ background-color:#D37313 }
```

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