

Converting Colors

Decimal(14513436)

Have a look what the booklet for
Decimal(14513436) contains.

| | |
|--|----|
| Decimal(14513436) | 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(14513436)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD751C |
| RGB | 221, 117, 28 |
| RGB Percent | 87%, 46%, 11% |
| CMY | 0.1333, 0.5412, 0.8902 |
| CMYK | 0.00, 0.47, 0.87, 0.13 |
| HSL | 28°, 78%, 49% |
| HSV | 28°, 87%, 87% |
| XYZ | 36.3897, 28.1786, 4.6197 |
| YIQ | 137.9500, 90.5530, -5.6310 |

Conversions

Conversions Part 2

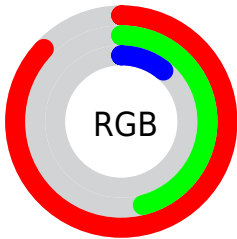
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 221, 193, 28 |
| Decimal | 14513436 |
| CIE _{Lab} | 60.05, 35.26, 61.36 |
| CIE _{LCh} | 60, 70.775, 60.116 |
| Yxy | 28.1786, 0.5260, 0.4073 |
| Android (android.graphics.Color) | 4292703516 (0xFFDD751C) |
| YUV | 137.9500, -54.2053, 72.8349 |
| Hunter-Lab | 53.0835, 29.4688, 31.9986 |

Details

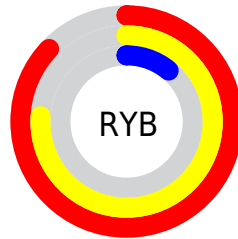
The Decimal color **14513436** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1869021**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16755283**, and **10437376** is the 20% darker color. If you saturate the color by 10%, you get **14510342**, and if you desaturate by 10%, it is **14516530**.

Distribution



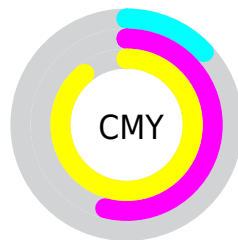
- Red (87%)
- Green (46%)
- Blue (11%)



- Red (87%)
- Yellow (76%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (87%)
- Black (13%)





















- Cyan (13%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14513436 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 14513436 by changing the saturation by 10% instead.

| | |
|--|--|
|  14513436 |  14513436 |
| 16777215 |  12475136 |
|  16755283 |  10437376 |
|  16762477 |  8464896 |
|  16769672 |  6492160 |
|  16777123 |  4587520 |
|  16777151 |  3080194 |
|  16777179 |  0 |
|  16777208 | |
|  14513436 |  14513436 |

■ 14510342

■ 14516530

■ 14509568

■ 14519624

■ 14522718

■ 14525812

■ 14528907

■ 14531745

■ 14534839

■ 14537933

■ 14541027

Harmonies

Analogous

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



16406870



14513436



11374080

Triad

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



14513436



44431



9273597

Complementary

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



14513436



1869021

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.



39167



14513436



44238

Square

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



14513436



43343



43005



14377424

Rectangle

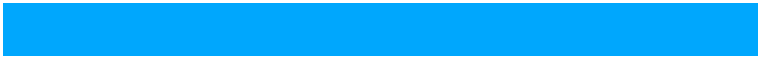
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14513436



8821248



43005



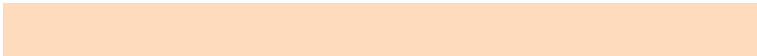
6392319

Sweetspot

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



14513436



16767933



14490758



8415832



0



8421504

Same Dimension

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



14513436



16741888



14537500



7235683



11358208



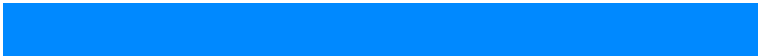
3020032

Inverse Universe

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



1869021



35327



1844957



6515054



23981



6446

Previews

White Background



This preview shows how the Decimal color 14513436 looks on a white background.

Color Contrast Check

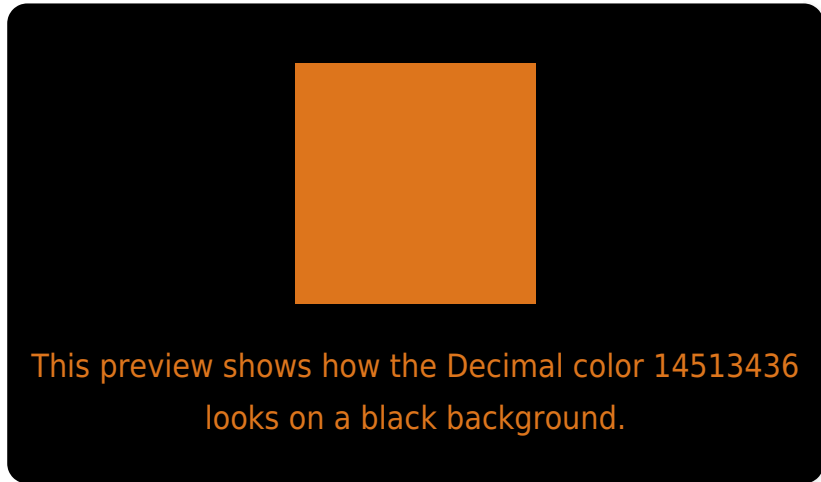
Large Text (above 18pt) WCAG AA ✓ Pass

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 14513436 Background



This preview shows how black text looks on a background with the Decimal color 14513436.



This preview shows how white text looks on a background with the Decimal color 14513436.

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
14513436

Protanopia
10719779

Deuteranopia
12093963



Tritanopia
14773621

Trichromacy



Original Color
14513436

Protanomaly
12093216

Deuteranomaly
12943889

Tritanomaly
14708821

Monochromacy



Original Color
14513436

Achromatopsia
9079434

Achromatomaly
11043426

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14513436 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 #DD751C looks like.

```
.text, #text, p{  
  color:#DD751C  
}
```

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 #DD751C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD751C
}
```

Border

The CSS property to change the border of an element to Decimal 14513436 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
#DD751C }
```

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

```
.border{ border-color:#DD751C }
```

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

Here you see how a box with a 4 pixel #DD751C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD751C; -webkit-box-shadow:4px 4px  
4px 4px #DD751C; box-shadow:4px 4px 4px  
4px #DD751C }
```

Background

The CSS property to change the background color of an element to Decimal 14513436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD751C }
```

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

```
.background{ background-color:#DD751C }
```

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