

# Converting Colors

Decimal(14514193)

Have a look what the booklet for  
Decimal(14514193) contains.

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# Color

**Decimal(14514193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD7811
RGB	221, 120, 17
RGB Percent	87%, 47%, 7%
CMY	0.1333, 0.5294, 0.9333
CMYK	0.00, 0.46, 0.92, 0.13
HSL	30°, 86%, 47%
HSV	30°, 92%, 87%
XYZ	36.6364, 28.8456, 4.1671
YIQ	138.4570, 93.2590, -10.6210

# Conversions

## Conversions Part 2

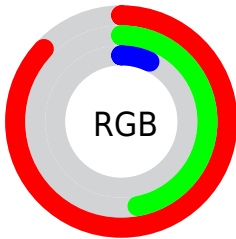
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 221, 17
Decimal	14514193
CIE Lab	60.65, 33.52, 64.75
CIE LCh	61, 72.908, 62.632
Yxy	28.8456, 0.5260, 0.4142
Android (android.graphics.Color)	4292704273 (0xFFDD7811)
YUV	138.4570, -59.8783, 72.3902
Hunter-Lab	53.7081, 27.7729, 32.9954

# Details

The Decimal color **14514193** 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 **1144541**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16756044**, and **10438144** is the 20% darker color. If you saturate the color by 10%, you get **14512128**, and if you desaturate by 10%, it is **14517031**.

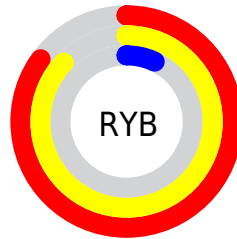
# Distribution



Red (87%)

Green (47%)

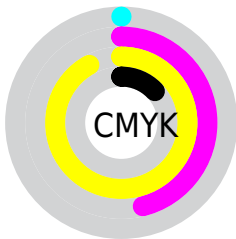
Blue (7%)



Red (85%)

Yellow (87%)

Blue (7%)

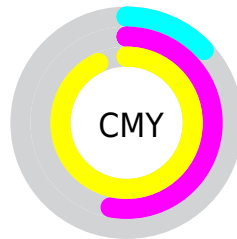


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14514193 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 14514193 by changing the saturation by 10% instead.



 14514193	 14514193
16777215	 12476160
 16756044	 10438144
 16763239	 8465920
 16770434	 6493440
 16777117	 4587520
 16777145	 3014657
 16777174	 0
 16777203	
 14514193	 14514193

■ 14512128

■ 14517031

■ 14519869

■ 14522707

■ 14525545

■ 14528384

■ 14531222

■ 14534060

■ 14536898

■ 14539480

# Harmonies

## Analogous

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



16603729



14514193



11178240

# Triad

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



14514193



44950



9928447

# Complementary

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



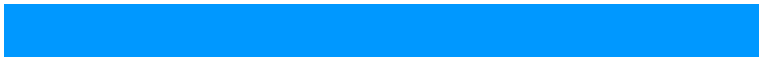
14514193



1144541

# 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



14514193



45014

# Square

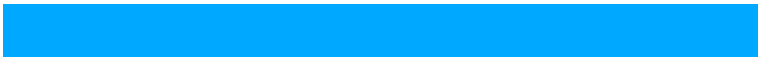
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14514193



43859



43263



14900943

# Rectangle

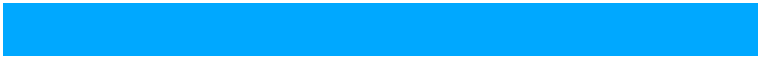
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14514193



8494336



43263



7178495



# Sweetspot

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



14514193



16768184



14487927



8415828



0



8421504



# Same Dimension

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



14514193



16744704



14540049



7235683



11360256



3020544



# Inverse Universe

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



1144541



32511



1118685



6514798



22189



5934



# Previews

## White Background



This preview shows how the Decimal color 14514193 looks on a white background.

## Color Contrast Check

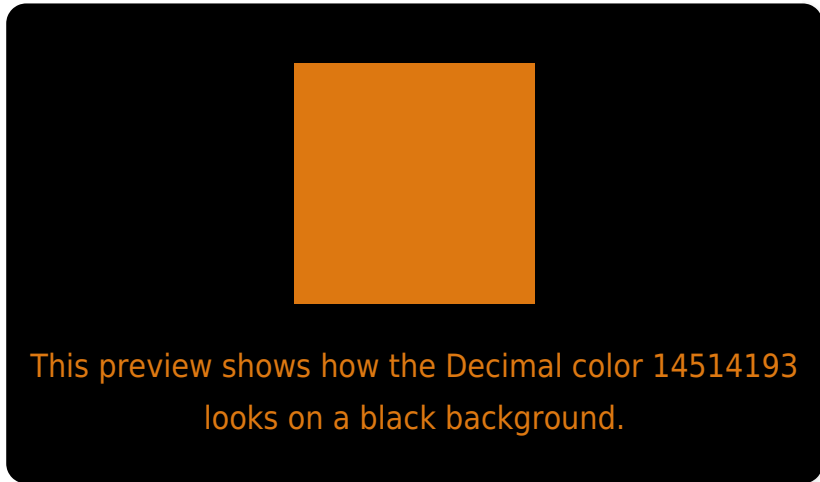
Large Text (above 18pt) WCAG AA ✓ Pass

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 14514193 Background



This preview shows how black text looks on a background with the Decimal color 14514193.



This preview shows how white text looks on a background with the Decimal color 14514193.

# 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

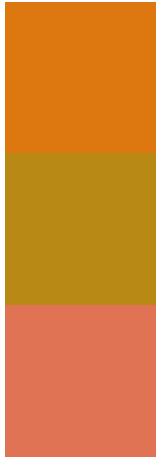


**Original Color**  
14514193

**Protanopia**  
10851097

**Tritanopia**  
14774392

# Trichromacy



**Original Color**  
14514193

**Protanomaly**  
12159254

**Tritanomaly**  
14709587

# Monochromacy



**Original Color**  
14514193

**Achromatopsia**  
9079434

**Achromatomaly**  
11043678

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14514193 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 #DD7811 looks like.

```
.text, #text, p{  
  color:#DD7811  
}
```

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 #DD7811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7811
}
```

## Border

The CSS property to change the border of an element to Decimal 14514193 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
#DD7811 }
```

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

```
.border{ border-color:#DD7811 }
```

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

Here you see how a box with a 4 pixel #DD7811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7811; -webkit-box-shadow:4px 4px  
4px 4px #DD7811; box-shadow:4px 4px 4px  
4px #DD7811 }
```

# Background

The CSS property to change the background color of an element to Decimal 14514193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7811 }
```

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

```
.background{ background-color:#DD7811 }
```

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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