

# Converting Colors

Decimal(14376476)

Have a look what the booklet for  
Decimal(14376476) contains.

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# Color

**Decimal(14376476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5E1C
RGB	219, 94, 28
RGB Percent	86%, 37%, 11%
CMY	0.1412, 0.6314, 0.8902
CMYK	0.00, 0.57, 0.87, 0.14
HSL	21°, 77%, 48%
HSV	21°, 87%, 86%
XYZ	33.4257, 23.1493, 3.8051
YIQ	123.8510, 95.6860, 5.9740

# Conversions

## Conversions Part 2

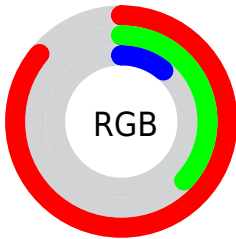
Format	Color
R <sub>YB</sub>	219, 129, 28
Decimal	14376476
CIE Lab	55.23, 45.92, 57.41
CIE LCh	55, 73.519, 51.348
Yxy	23.1493, 0.5536, 0.3834
Android (android.graphics.Color)	4292566556 (0xFFDB5E1C)
YUV	123.8510, -47.2545, 83.4457
Hunter-Lab	48.1137, 39.8090, 28.9906

# Details

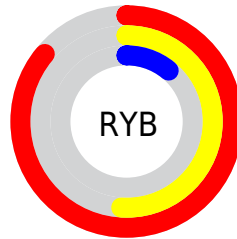
The Decimal color **14376476** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1874395**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16749648**, and **10234112** is the 20% darker color. If you saturate the color by 10%, you get **14372870**, and if you desaturate by 10%, it is **14380082**.

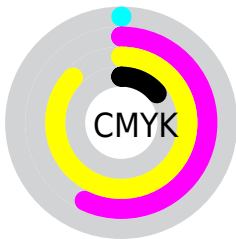
# Distribution



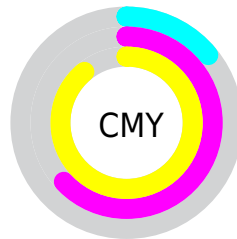
- Red (86%)
- Green (37%)
- Blue (11%)



- Red (86%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (87%)
- Black (14%)





















- Cyan (14%)
- Magenta (63%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14376476 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 14376476 by changing the saturation by 10% instead.



 14376476	 14376476
16777215	 12272640
 16749648	 10234112
 16756586	 8193536
 16763780	 6225920
 16771231	 4325376
 16777146	 2555905
 16777175	 0
 16777204	
 14376476	 14376476

14372870

14380082

14371840

14383944

14387550

14391156

14395018

14398623

14402229

14406091

14409697

# Harmonies

## Analogous

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



15875930



14376476



11500288

# Triad

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



14376476



40815



5471484

# Complementary

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



14376476



1874395

# 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



14376476



41137

# Square

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



14376476



39468



40423



12409813

# Rectangle

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



14376476



9079040



40423



34047



# Sweetspot

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



14376476



16766141



14359707



8414808



0



8421504



# Same Dimension

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



14376476



16734208



14400284



7235171



11353088



3018752

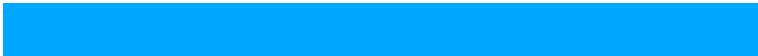


# Inverse Universe

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



1874395



43007



1850587



6515310



29101



7726



# Previews

## White Background



This preview shows how the Decimal color 14376476 looks on a white background.

## Color Contrast Check

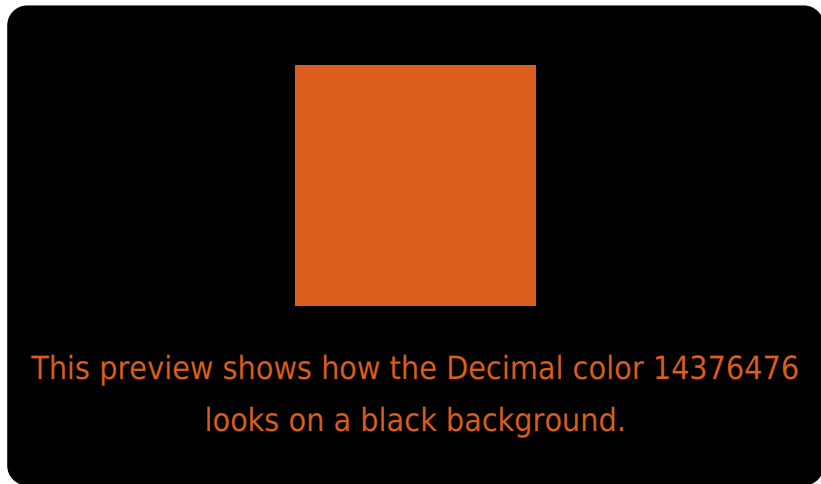
Large Text (above 18pt) WCAG AA ✓ Pass

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 14376476 Background



This preview shows how black text looks on a background with the Decimal color 14376476.



This preview shows how white text looks on a background with the Decimal color 14376476.

# 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**  
14376476

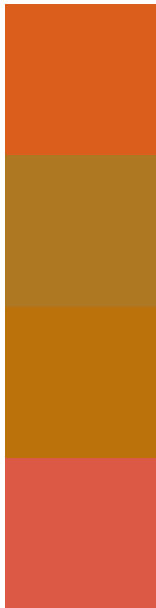
**Protanopia**  
9798950

**Deuteranopia**  
11042304



**Tritanopia**  
14506077

# Trichromacy



**Original Color**  
14376476

**Protanomaly**  
11433762

**Deuteranomaly**  
12284426

**Tritanomaly**  
14441029

# Monochromacy



**Original Color**  
14376476

**Achromatopsia**  
8158332

**Achromatomaly**  
10449241

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14376476 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 #DB5E1C looks like.

```
.text, #text, p{  
  color:#DB5E1C  
}
```

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 #DB5E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5E1C
}
```

## Border

The CSS property to change the border of an element to Decimal 14376476 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
#DB5E1C }
```

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

```
.border{ border-color:#DB5E1C }
```

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

Here you see how a box with a 4 pixel #DB5E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5E1C; -webkit-box-shadow:4px 4px  
4px 4px #DB5E1C; box-shadow:4px 4px 4px  
4px #DB5E1C }
```

# Background

The CSS property to change the background color of an element to Decimal 14376476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5E1C }
```

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

```
.background{ background-color:#DB5E1C }
```

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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