

# Converting Colors

Decimal(14238986)

Have a look what the booklet for  
Decimal(14238986) contains.

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**Color**

**Decimal(14238986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9450A
RGB	217, 69, 10
RGB Percent	85%, 27%, 4%
CMY	0.1490, 0.7294, 0.9608
CMYK	0.00, 0.68, 0.95, 0.15
HSL	17°, 91%, 45%
HSV	17°, 95%, 85%
XYZ	30.7982, 19.0299, 2.3370
YIQ	106.5260, 107.1470, 13.0270

# Conversions

## Conversions Part 2

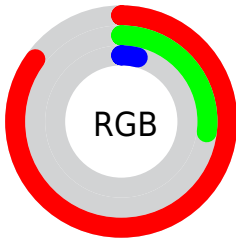
Format	Color
R <sub>Y</sub> B	217, 93, 10
Decimal	14238986
CIE Lab	50.72, 55.83, 59.46
CIE LCh	51, 81.560, 46.802
Yxy	19.0299, 0.5904, 0.3648
Android (android.graphics.Color)	4292429066 (0xFFD9450A)
YUV	106.5260, -47.5873, 96.8857
Hunter-Lab	43.6232, 49.6810, 27.3599

# Details

The Decimal color **14238986** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **696025**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **16743745**, and **10027008** is the 20% darker color. If you saturate the color by 10%, you get **14237184**, and if you desaturate by 10%, it is **14243104**.

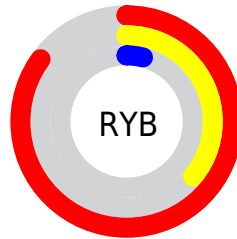
# Distribution



Red (85%)

Green (27%)

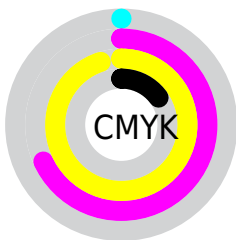
Blue (4%)



Red (85%)

Yellow (36%)

Blue (4%)

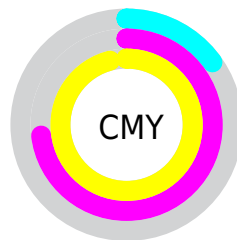


Cyan (0%)

Magenta (68%)

Yellow (95%)

Black (15%)



Cyan (15%)

Magenta (73%)







Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14238986 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 14238986 by changing the saturation by 10% instead.



 14238986	 14238986
16777215	 12134144
 16743745	 10027008
 16750683	 7995392
 16758133	 5963776
 16765327	 4128770
 16773035	 1900545
 16777158	 0
 16777187	
 14238986	 14238986

■ 14237184

■ 14243104

■ 14246965

■ 14251083

■ 14254945

■ 14259063

■ 14262924

■ 14267042

■ 14270904

■ 14275021

# Harmonies

## Analogous

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



15663958



14238986



11299584

# Triad

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



14238986



37974



29951

# Complementary

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



14238986



696025

# 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.



35583



14238986



38559

# Square

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



14238986



36352



38110



11095769

# Rectangle

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



14238986



8747776



38110



32255



# Sweetspot

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



14238986



16763573



14224030



8413267



0



8421504



# Same Dimension

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



14238986



16730368



14265354



7235171



11350272



3017984

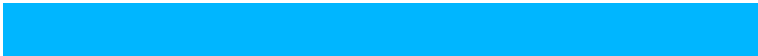


# Inverse Universe

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



696025



46847



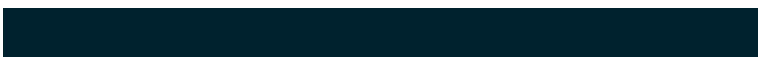
669657



6515566



31917



8494



# Previews

## White Background



This preview shows how the Decimal color 14238986 looks on a white background.

## Color Contrast Check

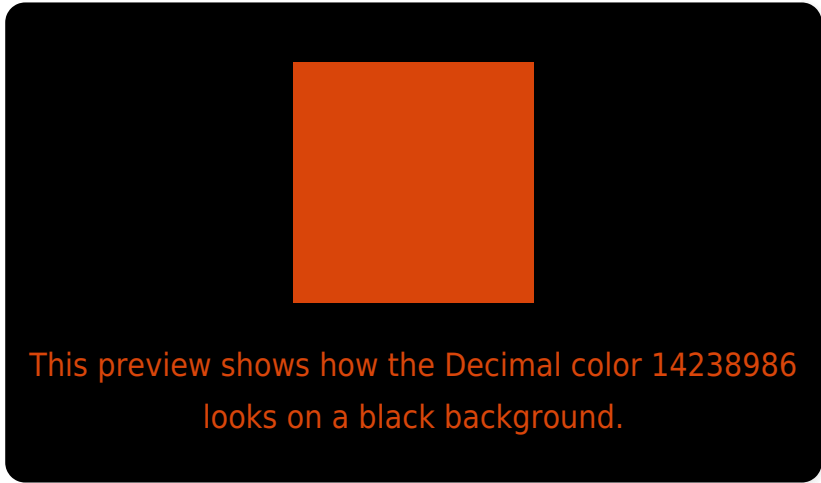
Large Text (above 18pt) WCAG AA ✓ Pass

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 14238986 Background



This preview shows how black text looks on a background with the Decimal color 14238986.



This preview shows how white text looks on a background with the Decimal color 14238986.

# 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



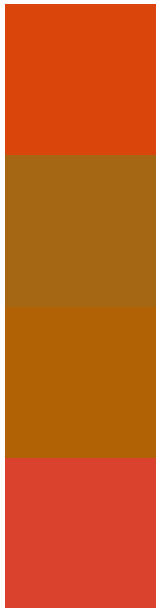
**Original Color**  
14238986

**Protanopia**  
9009690

**Deuteranopia**  
10056448



# Trichromacy



**Original Color**  
14238986

**Protanomaly**  
10905364

**Deuteranomaly**  
11559428

**Tritanomaly**  
14303790

# Monochromacy



**Original Color**  
14238986

**Achromatopsia**  
7039851

**Achromatomaly**  
9657672

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14238986 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 #D9450A looks like.

```
.text, #text, p{  
    color:#D9450A  
}
```

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 #D9450A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9450A
}
```

## Border

The CSS property to change the border of an element to Decimal 14238986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

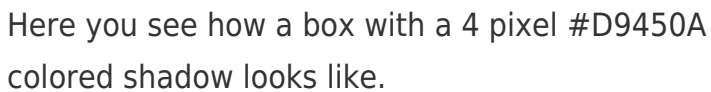
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D9450A }
```

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

```
.border{ border-color:#D9450A }
```

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



Here you see how a box with a 4 pixel #D9450A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9450A; -webkit-box-shadow:4px 4px  
4px 4px #D9450A; box-shadow:4px 4px 4px  
4px #D9450A }
```

# Background

The CSS property to change the background color of an element to Decimal 14238986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9450A }
```

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

```
.background{ background-color:#D9450A }
```

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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