

# Converting Colors

Decimal(14431232)

Have a look what the booklet for  
Decimal(14431232) contains.

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# Color

**Decimal(14431232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC3400
RGB	220, 52, 0
RGB Percent	86%, 20%, 0%
CMY	0.1373, 0.7961, 1.0000
CMYK	0.00, 0.76, 1.00, 0.14
HSL	14°, 100%, 43%
HSV	14°, 100%, 86%
XYZ	30.7432, 17.6716, 1.7906
YIQ	96.3040, 116.8200, 19.4440

# Conversions

## Conversions Part 2

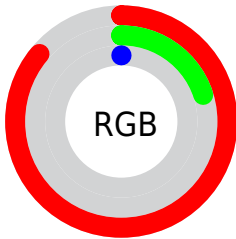
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 68, 0</a>
Decimal	<a href="#">14431232</a>
CIELab	<a href="#">49.10, 62.64, 61.37</a>
CIELCh	<a href="#">49, 87.693, 44.416</a>
Yxy	<a href="#">17.6716, 0.6123, 0.3520</a>
Android (android.graphics.Color)	<a href="#">4292621312 (0xFFDC3400)</a>
YUV	<a href="#">96.3040, -47.4779, 108.4814</a>
Hunter-Lab	<a href="#">42.0376, 56.9757, 26.9008</a>

# Details

The Decimal color **14431232** 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 **43228**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **16740410**, and **10158080** is the 20% darker color. If you saturate the color by 10%, you get **14431232**, and if you desaturate by 10%, it is **14435606**.

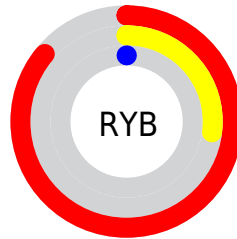
# Distribution



Red (86%)

Green (20%)

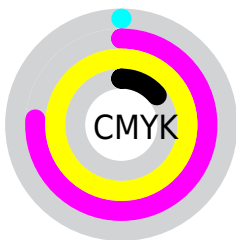
Blue (0%)



Red (86%)

Yellow (27%)

Blue (0%)

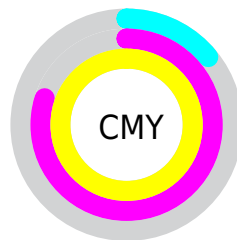


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14431232 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 14431232 by changing the saturation by 10% instead.



 14431232

 14431232

 16777208

 12257024

 16740410

 10158080

 16747604

 8060928

 16755053

 6029312

 16762504

 4194307

 16769955

 1900545

 16777150

 0

 16777179

 14431232

 14435606

 14439980

 14444098

 14448472

 14452846

 14457220

 14461594

 14465712

 14470086

# Harmonies

## Analogous

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



15794261



14431232



11428608

# Triad

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



14431232



36937



29695

# Complementary

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



14431232



43228

# 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.



35327



14431232



37784

# Square

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



14431232



35328



37341



10504673

# Rectangle

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



14431232



8746496



37341



31999



# Sweetspot

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



14431232



16762291



14418089



8412242



0



8421504



# Same Dimension

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



14431232



16727040



14459136



7234915



11348224



3017472



# Inverse Universe

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



43228



50175



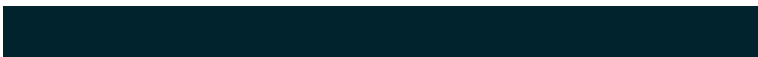
15324



6515566



33965



9006



# Previews

## White Background



This preview shows how the Decimal color 14431232 looks on a white background.

## Color Contrast Check

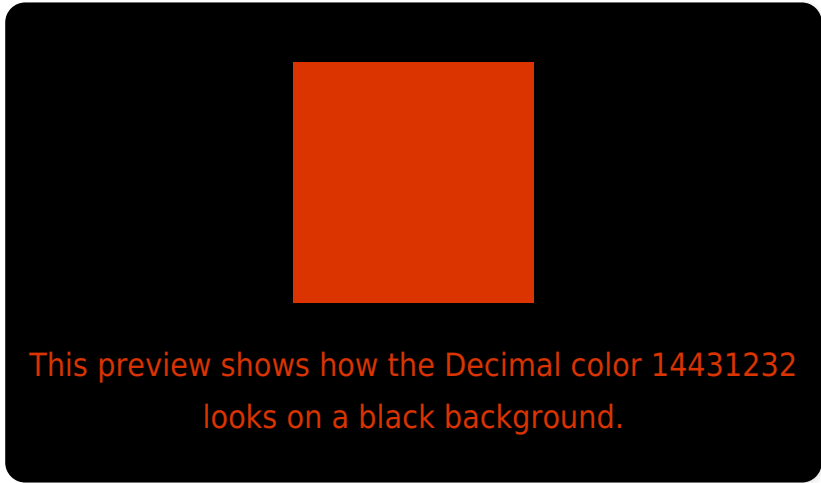
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 14431232 Background



This preview shows how black text looks on a background with the Decimal color 14431232.



This preview shows how white text looks on a background with the Decimal color 14431232.

# 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



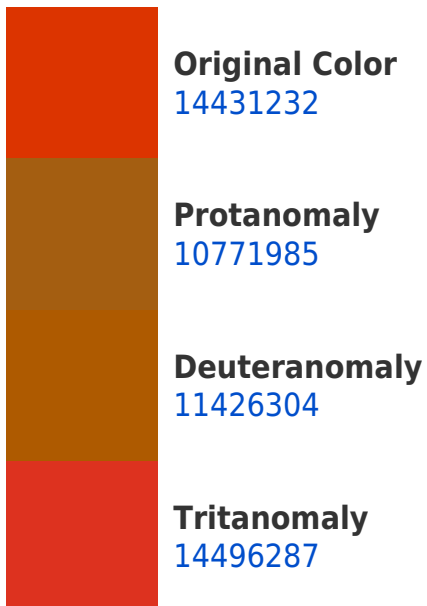
**Original Color**  
14431232

**Protanopia**  
8680986

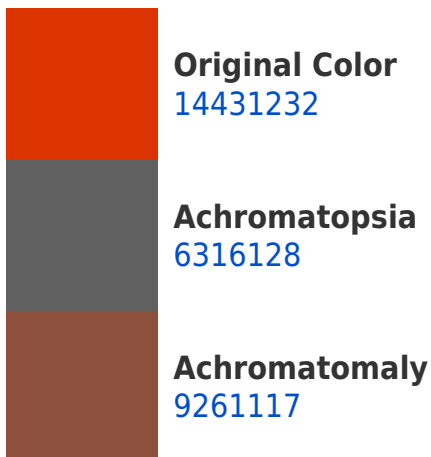
**Deuteranopia**  
9728000



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14431232 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 #DC3400 looks like.

```
.text, #text, p{  
    color:#DC3400  
}
```

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 #DC3400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3400
}
```

## Border

The CSS property to change the border of an element to Decimal 14431232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

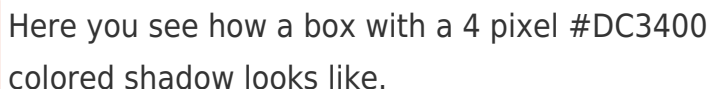
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC3400 }
```

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

```
.border{ border-color:#DC3400 }
```

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



Here you see how a box with a 4 pixel #DC3400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3400; -webkit-box-shadow:4px 4px  
4px 4px #DC3400; box-shadow:4px 4px 4px  
4px #DC3400 }
```

# Background

The CSS property to change the background color of an element to Decimal 14431232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3400 }
```

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

```
.background{ background-color:#DC3400 }
```

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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