

# Converting Colors

Decimal(13009960)

Have a look what the booklet for  
Decimal(13009960) contains.

<b>Decimal(13009960)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(13009960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C68428
RGB	198, 132, 40
RGB Percent	78%, 52%, 16%
CMY	0.2235, 0.4824, 0.8431
CMYK	0.00, 0.33, 0.80, 0.22
HSL	35°, 66%, 47%
HSV	35°, 80%, 78%
XYZ	31.9230, 28.6615, 5.8572
YIQ	141.2460, 68.8680, -14.6200

# Conversions

## Conversions Part 2

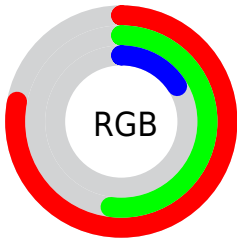
Format	Color
<a href="#">RYB</a>	153, 198, 40
Decimal	13009960
<a href="#">CIELab</a>	60.48, 17.89, 56.37
<a href="#">CIElCh</a>	60, 59.138, 72.388
<a href="#">Yxy</a>	28.6615, 0.4805, 0.4314
Android (android.graphics.Color)	4291200040 (0xFFC68428)
<a href="#">YUV</a>	141.2460, -49.9143, 49.7733
<a href="#">Hunter-Lab</a>	53.5364, 12.7481, 30.9888

# Details

The Decimal color **13009960** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2648774**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16759133**, and **9130496** is the 20% darker color. If you saturate the color by 10%, you get **13007892**, and if you desaturate by 10%, it is **13012028**.

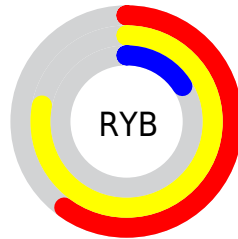
# Distribution



Red (78%)

Green (52%)

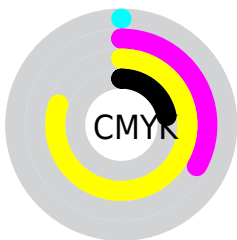
Blue (16%)



Red (60%)

Yellow (78%)

Blue (16%)

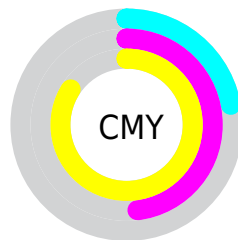


Cyan (0%)

Magenta (33%)

Yellow (80%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13009960 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 13009960 by changing the saturation by 10% instead.



 13009960

 13009960

16777215

 11037447

 16759133

 9130496

 16766327

 7224064

 16773522

 5383424

 16777133

 3608576

 16777161

 2162689

 16777190

 0

 13009960

 13009960

 13007892

 13012028

■ 13005568

■ 13014352

■ 13016419

■ 13018487

■ 13020555

■ 13022879

■ 13024947

■ 13027014

■ 13029082

# Harmonies

## Analogous

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



15101774



13009960



10065439

# Triad

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



13009960



43943



11566047

# Complementary

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



13009960



2648774

# 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.



5411064



13009960



43223

# Square

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



13009960



43376



41205



14706355

# Rectangle

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



13009960



7642930



41205



9994986



# Sweetspot

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



13009960



16770498



12986476



8417371



0



8421504



# Same Dimension

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



13009960



16750858



12305960



6512474



10706688



2364672



# Inverse Universe

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



2648774



684287



3352774



5922403



17571



3876



# Previews

## White Background



This preview shows how the Decimal color 13009960 looks on a white background.

## Color Contrast Check

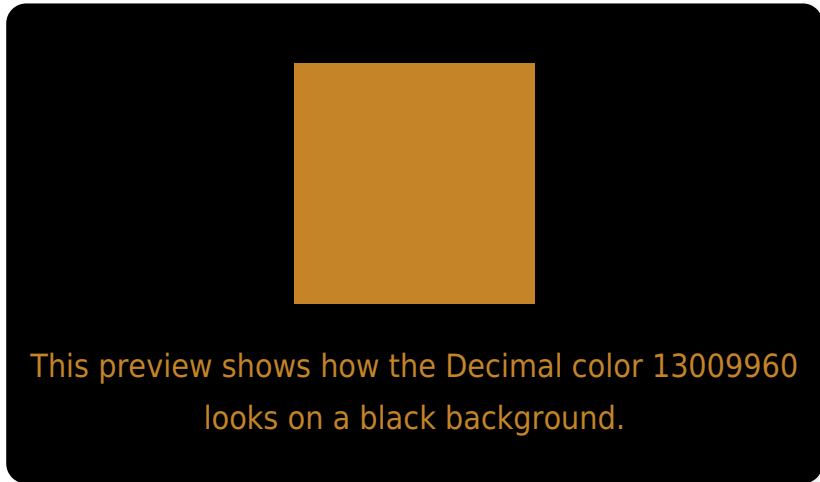
Large Text (above 18pt) WCAG AA ✓ Pass

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

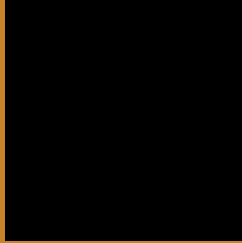
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13009960 Background



This preview shows how black text looks on a background with the Decimal color 13009960.



This preview shows how white text looks on a background with the Decimal color 13009960.

# 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**  
13009960

**Protanopia**  
10785580

**Deuteranopia**  
12094245



**Tritanopia**  
13335428

# Trichromacy



**Original Color**  
13009960

**Protanomaly**  
11570731

**Deuteranomaly**  
12421158

**Tritanomaly**  
13205091

# Monochromacy



**Original Color**  
13009960

**Achromatopsia**  
9276813

**Achromatomaly**  
10652264

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13009960 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 #C68428 looks like.

```
.text, #text, p{  
    color:#C68428  
}
```

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 #C68428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68428
}
```

## Border

The CSS property to change the border of an element to Decimal 13009960 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
#C68428 }
```

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

```
.border{ border-color:#C68428 }
```

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

Here you see how a box with a 4 pixel #C68428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68428; -webkit-box-shadow:4px 4px  
4px 4px #C68428; box-shadow:4px 4px 4px  
4px #C68428 }
```

# Background

The CSS property to change the background color of an element to Decimal 13009960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68428 }
```

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

```
.background{ background-color:#C68428 }
```

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