

# Converting Colors

Decimal(13069056)

Have a look what the booklet for  
Decimal(13069056) contains.

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# Color

**Decimal(13069056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C76B00
RGB	199, 107, 0
RGB Percent	78%, 42%, 0%
CMY	0.2196, 0.5804, 1.0000
CMYK	0.00, 0.46, 1.00, 0.22
HSL	32°, 100%, 39%
HSV	32°, 100%, 78%
XYZ	28.8109, 22.6575, 2.8548
YIQ	122.3100, 89.1790, -13.7730

# Conversions

## Conversions Part 2

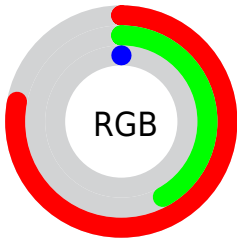
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 199, 0
Decimal	13069056
CIELab	54.72, 31.06, 62.51
CIElCh	55, 69.800, 63.582
Yxy	22.6575, 0.5304, 0.4171
Android (android.graphics.Color)	4291259136 (0xFFC76B00)
YUV	122.3100, -60.2988, 67.2571
Hunter-Lab	47.5999, 24.7412, 29.7640

# Details

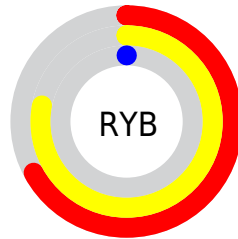
The Decimal color **13069056** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23751**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16752449**, and **9058816** is the 20% darker color. If you saturate the color by 10%, you get **13069056**, and if you desaturate by 10%, it is **13071380**.

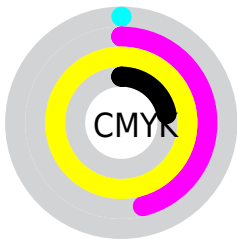
# Distribution



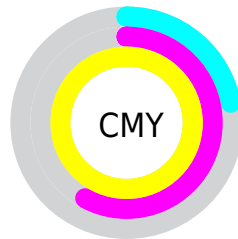
- Red (78%)
- Green (42%)
- Blue (0%)



- Red (67%)
- Yellow (78%)
- Blue (0%)



- Cyan (0%)
- Magenta (46%)
- Yellow (100%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13069056 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 13069056 by changing the saturation by 10% instead.



 13069056

 13069056

16777215

 11031040

 16752449

 9058816

 16759388

 7086592

 16766582

 5179648

 16774034

 3407872

 16777133

 1245184

 16777161

 0

 16777190

 13069056

 13071380

 13073704

 13076284

 13078608

 13080932

 13083255

 13085579

 13088159

 13090483

# Harmonies

## Analogous

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



15093316



13069056



9929472

# Triad

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



13069056



40585



9072617

# Complementary

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



13069056



23751

# 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.



35069



13069056



40389

# Square

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



13069056



39498



38895



13652154

# Rectangle

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



13069056



7376384



38895



6519283



# Sweetspot

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



13069056



16768179



13041757



8415826



0



8421504



# Same Dimension

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



13069056



16746752



12633856



6512474



10704896



2364160



# Inverse Universe

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



23751



30463



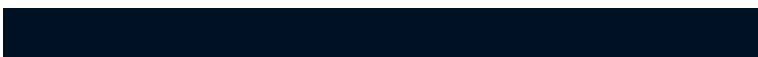
458951



5922403



19363



4388



# Previews

## White Background



This preview shows how the Decimal color 13069056 looks on a white background.

## Color Contrast Check

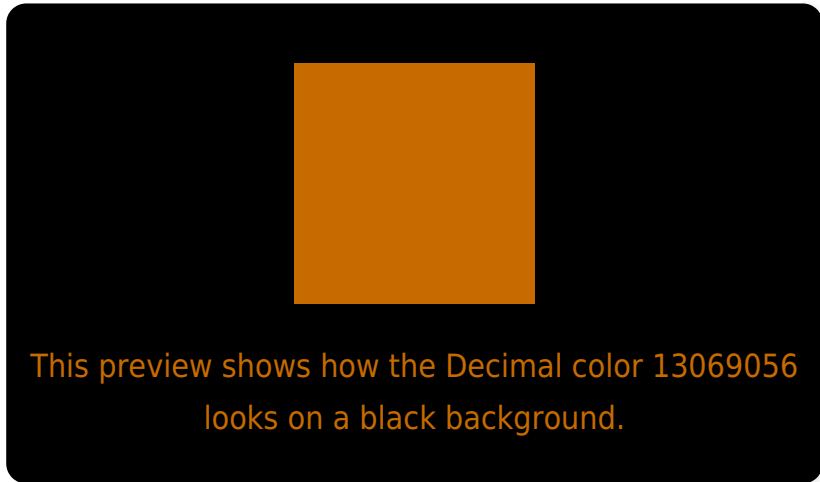
Large Text (above 18pt) WCAG AA ✓ Pass

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 13069056 Background



This preview shows how black text looks on a background with the Decimal color 13069056.



This preview shows how white text looks on a background with the Decimal color 13069056.

# 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**  
13069056

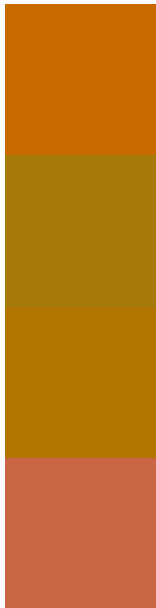
**Protanopia**  
9733137

**Deuteranopia**  
10910976



**Tritanopia**  
13263722

# Trichromacy



**Original Color**  
13069056

**Protanomaly**  
10976011

**Deuteranomaly**  
11695616

**Tritanomaly**  
13198915

# Monochromacy



**Original Color**  
13069056

**Achromatopsia**  
8026746

**Achromatomaly**  
9860430

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13069056 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 #C76B00 looks like.

```
.text, #text, p{  
    color:#C76B00  
}
```

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 #C76B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76B00
}
```

## Border

The CSS property to change the border of an element to Decimal 13069056 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
#C76B00 }
```

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

```
.border{ border-color:#C76B00 }
```

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

Here you see how a box with a 4 pixel #C76B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76B00; -webkit-box-shadow:4px 4px  
4px 4px #C76B00; box-shadow:4px 4px 4px  
4px #C76B00 }
```

# Background

The CSS property to change the background color of an element to Decimal 13069056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76B00 }
```

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

```
.background{ background-color:#C76B00 }
```

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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