

Converting Colors

Decimal(13002496)

Have a look what the booklet for
Decimal(13002496) contains.

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Color

Decimal(13002496)

Conversions

Conversions Part 1

Format	Color
Hex	C66700
RGB	198, 103, 0
RGB Percent	78%, 40%, 0%
CMY	0.2235, 0.5961, 1.0000
CMYK	0.00, 0.48, 1.00, 0.22
HSL	31°, 100%, 39%
HSV	31°, 100%, 78%
XYZ	28.1390, 21.7063, 2.7066
YIQ	119.6630, 89.6830, -11.8930

Conversions

Conversions Part 2

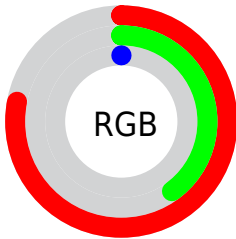
Format	Color
RYB	183, 198, 0
Decimal	13002496
CIELab	53.71, 32.75, 61.83
CIElCh	54, 69.966, 62.089
Yxy	21.7063, 0.5355, 0.4130
Android (android.graphics.Color)	4291192576 (0xFFC66700)
YUV	119.6630, -58.9939, 68.7015
Hunter-Lab	46.5900, 26.2762, 29.1685

Details

The Decimal color **13002496** 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 **24518**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16751424**, and **8992256** is the 20% darker color. If you saturate the color by 10%, you get **13002496**, and if you desaturate by 10%, it is **13005076**.

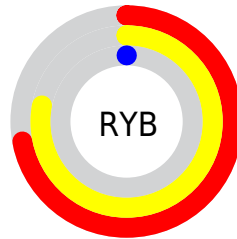
Distribution



Red (78%)

Green (40%)

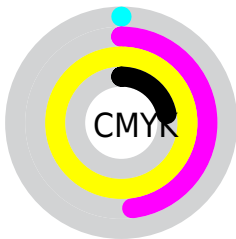
Blue (0%)



Red (72%)

Yellow (78%)

Blue (0%)

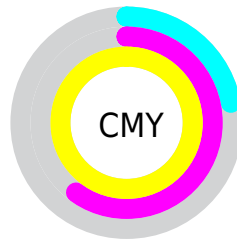


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13002496 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 13002496 by changing the saturation by 10% instead.

 13002496

 13002496

16777215

 10964480

 16751424

 8992256

 16758363

 7020032

 16765557

 5112576

 16773008

 3407872

 16777132

 917504

 16777160

 0

 16777189

 13002496

 13005076

 13007400

 13009979

 13012303

 13014883

 13017207

 13019787

 13022110

 13024690

Harmonies

Analogous

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



14960964



13002496



9928448

Triad

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



13002496



39811



8548072

Complementary

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



13002496



24518

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.



34810



13002496



39871

Square

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



13002496



38724



38379



13323962

Rectangle

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



13002496



7375616



38379



5797873

Sweetspot

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



13002496



16767667



12976224



8415570



0



8421504

Same Dimension

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



13002496



16745728



12830208



6512474



10704128



2364160

Inverse Universe

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



24518



31487



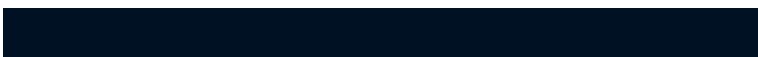
196806



5922403



20131



4388

Previews

White Background



This preview shows how the Decimal color 13002496 looks on a white background.

Color Contrast Check

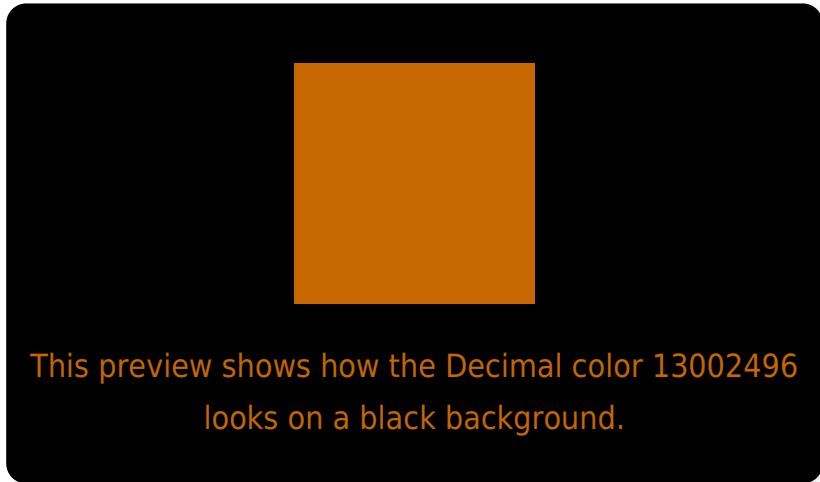
Large Text (above 18pt) WCAG AA ✓ Pass

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 13002496 Background



This preview shows how black text looks on a background with the Decimal color 13002496.



This preview shows how white text looks on a background with the Decimal color 13002496.

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

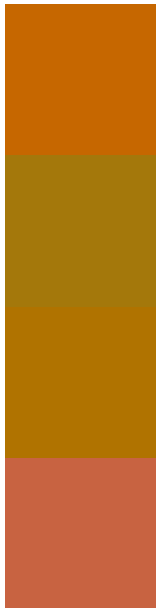


Original Color
13002496

Protanopia
9535761

Deuteranopia
10713600

Trichromacy



Original Color
13002496

Protanomaly
10778635

Deuteranomaly
11563776

Tritanomaly
13132609

Monochromacy



Original Color
13002496

Achromatopsia
7895160

Achromatomaly
9728588

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13002496 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 #C66700 looks like.

```
.text, #text, p{  
    color:#C66700  
}
```

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 #C66700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66700
}
```

Border

The CSS property to change the border of an element to Decimal 13002496 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
#C66700 }
```

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

```
.border{ border-color:#C66700 }
```

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

Here you see how a box with a 4 pixel #C66700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66700; -webkit-box-shadow:4px 4px  
4px 4px #C66700; box-shadow:4px 4px 4px  
4px #C66700 }
```

Background

The CSS property to change the background color of an element to Decimal 13002496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66700 }
```

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

```
.background{ background-color:#C66700 }
```

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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