

Converting Colors

Decimal(12809026)

Have a look what the booklet for
Decimal(12809026) contains.

Decimal(12809026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12809026)

Conversions

Conversions Part 1

Format	Color
Hex	C37342
RGB	195, 115, 66
RGB Percent	76%, 45%, 26%
CMY	0.2353, 0.5490, 0.7412
CMYK	0.00, 0.41, 0.66, 0.24
HSL	23°, 52%, 51%
HSV	23°, 66%, 76%
XYZ	29.6198, 24.2569, 8.2752
YIQ	133.3340, 63.4090, 1.7210

Conversions

Conversions Part 2

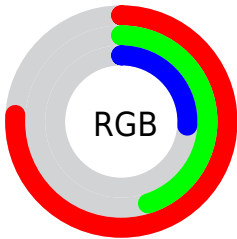
Format	Color
R_{YB}	195, 145, 66
Decimal	12809026
CIE Lab	56.34, 27.16, 40.01
CIE LCh	56, 48.361, 55.833
Yxy	24.2569, 0.4766, 0.3903
Android (android.graphics.Color)	4290999106 (0xFFC37342)
YUV	133.3340, -33.1957, 54.0811
Hunter-Lab	49.2513, 21.1603, 24.5140

Details

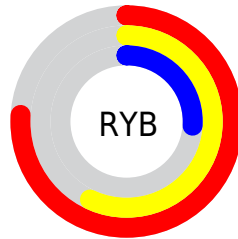
The Decimal color **12809026** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4362947**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16754804**, and **8929811** is the 20% darker color. If you saturate the color by 10%, you get **12805935**, and if you desaturate by 10%, it is **12812118**.

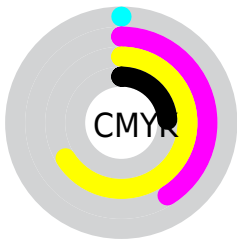
Distribution



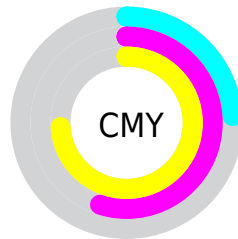
- Red (76%)
- Green (45%)
- Blue (26%)



- Red (76%)
- Yellow (57%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (66%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12809026 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 12809026 by changing the saturation by 10% instead.

 12809026

 12809026

16777215

 10902058

 16754804

 8929811

 16761742

 7088640

 16768936

 5247744

 16776388

 3473408

 16777184

 1572865

16777213

 0

 12809026

 12809026

 12805935

 12812118

12802843

12815209

12799752

12818301

12798464

12821392

12824484

12827831

12830923

12834014

12837106

Harmonies

Analogous

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



13919589



12809026



10781487

Triad

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



12809026



40064



8355539

Complementary

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



12809026



4362947

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.



36315



12809026



40107

Square

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



12809026



4560982



38860



11890103

Rectangle

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



12809026



9014321



38860



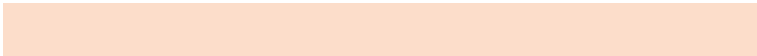
6718680

Sweetspot

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



12809026



16571850



12796564



8416609



0



8421504

Same Dimension

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



12809026



16548149



12825154



6380375



10566912



2166016

Inverse Universe

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



4362947



3518972



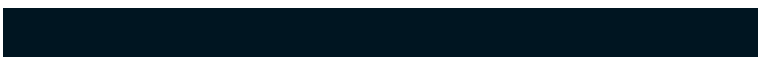
4346819



5725537



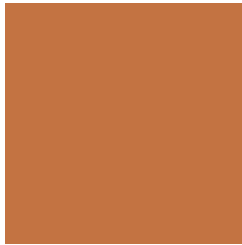
25761



5409

Previews

White Background



This preview shows how the Decimal color 12809026 looks on a white background.

Color Contrast Check

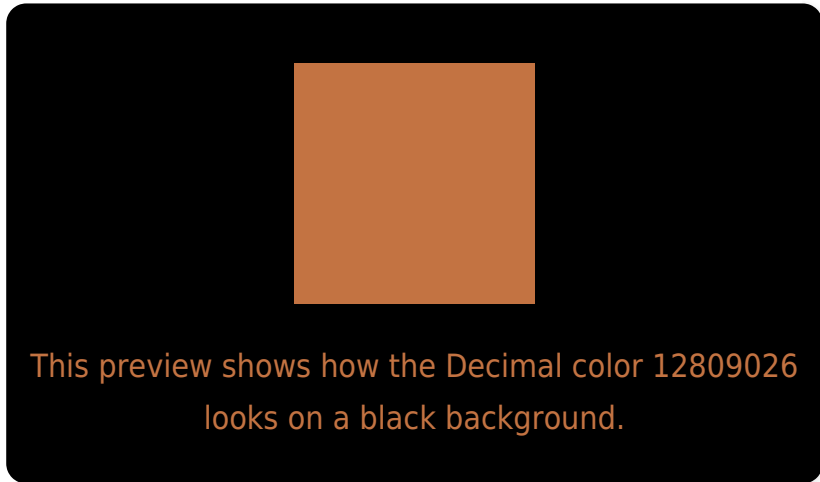
Large Text (above 18pt) WCAG AA ✓ Pass

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

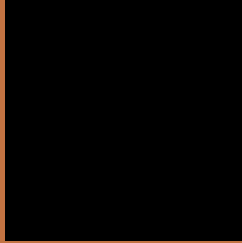
Any Text WCAG AA ✓ Pass

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 12809026 Background



This preview shows how black text looks on a background with the Decimal color 12809026.



This preview shows how white text looks on a background with the Decimal color 12809026.

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
12809026

Protanopia
9799753

Deuteranopia
11043135



Tritanopia
13004149

Trichromacy



Original Color
12809026

Protanomaly
10911814

Deuteranomaly
11697216

Tritanomaly
12939106

Monochromacy



Original Color
12809026

Achromatopsia
8750469

Achromatomaly
10255981

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12809026 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 #C37342 looks like.

```
.text, #text, p{  
    color:#C37342  
}
```

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 #C37342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37342
}
```

Border

The CSS property to change the border of an element to Decimal 12809026 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
#C37342 }
```

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

```
.border{ border-color:#C37342 }
```

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

Here you see how a box with a 4 pixel #C37342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37342; -webkit-box-shadow:4px 4px  
4px 4px #C37342; box-shadow:4px 4px 4px  
4px #C37342 }
```

Background

The CSS property to change the background color of an element to Decimal 12809026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37342 }
```

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

```
.background{ background-color:#C37342 }
```

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