

Converting Colors

Decimal(12949304)

Have a look what the booklet for
Decimal(12949304) contains.

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Color

Decimal(12949304)

Conversions

Conversions Part 1

Format	Color
Hex	C59738
RGB	197, 151, 56
RGB Percent	77%, 59%, 22%
CMY	0.2275, 0.4078, 0.7804
CMYK	0.00, 0.23, 0.72, 0.23
HSL	40°, 56%, 50%
HSV	40°, 72%, 77%
XYZ	34.8064, 34.2891, 8.5253
YIQ	153.9240, 57.9110, -19.7930

Conversions

Conversions Part 2

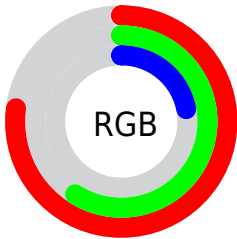
Format	Color
RYB	124, 197, 56
Decimal	12949304
CIELab	65.19, 7.76, 54.42
CIELCh	65, 54.973, 81.888
Yxy	34.2891, 0.4484, 0.4418
Android (android.graphics.Color)	4291139384 (0xFFC59738)
YUV	153.9240, -48.2765, 37.7777
Hunter-Lab	58.5569, 3.6264, 32.3577

Details

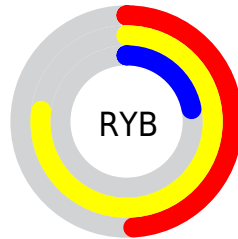
The Decimal color **12949304** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3696325**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **16764268**, and **9135104** is the 20% darker color. If you saturate the color by 10%, you get **12947748**, and if you desaturate by 10%, it is **12950860**.

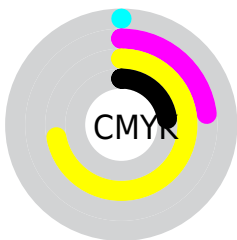
Distribution



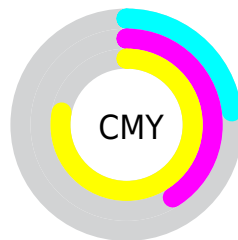
- Red (77%)
- Green (59%)
- Blue (22%)



- Red (49%)
- Yellow (77%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (72%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12949304 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 12949304 by changing the saturation by 10% instead.

 12949304

 12949304

16777215

 11042076

 16764268

 9135104

 16771463

 7294208


 16777122

 5518848

 16777150

 3744000

 16777178

 2165760

 16777207

 0

 12949304

 12949304

 12947748

 12950860

■ 12945937

■ 12952671

■ 12944640

■ 12954227

■ 12956039

■ 12957595

■ 12959406

■ 12960962

■ 12962518

■ 12964329

Harmonies

Analogous

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



15238226



12949304



9872957

Triad

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



12949304



46785



13533916

Complementary

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



12949304



3696325

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.



9082874



12949304



45803

Square

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



12949304



46735



43263



15824046

Rectangle

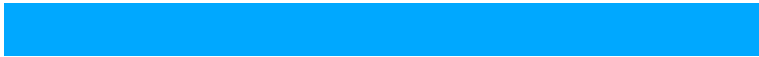
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12949304



7450193



43263



12290536

Sweetspot

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



12949304



16772809



12925031



8418656



0



8421504

Same Dimension

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



12949304



16758564



11453752



6512730



10710528



2365440

Inverse Universe

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



3696325



2386943



5191877



5922147



13731



3108

Previews

White Background



This preview shows how the Decimal color 12949304 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12949304 looks on a 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 ✓ Pass

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

Decimal 12949304 Background



This preview shows how black text looks on a background with the Decimal color 12949304.



This preview shows how white text looks on a background with the Decimal color 12949304.

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
12949304

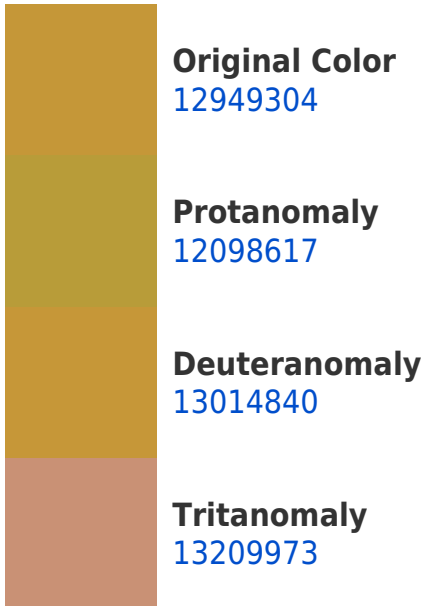
Protanopia
11640634

Deuteranopia
13014840



Tritanopia
13405592

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12949304 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 #C59738 looks like.

```
.text, #text, p{  
  color:#C59738  
}
```

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 #C59738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59738
}
```

Border

The CSS property to change the border of an element to Decimal 12949304 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
#C59738 }
```

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

```
.border{ border-color:#C59738 }
```

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

Here you see how a box with a 4 pixel #C59738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59738; -webkit-box-shadow:4px 4px  
4px 4px #C59738; box-shadow:4px 4px 4px  
4px #C59738 }
```

Background

The CSS property to change the background color of an element to Decimal 12949304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59738 }
```

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

```
.background{ background-color:#C59738 }
```

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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