

Converting Colors

Decimal(12948535)

Have a look what the booklet for
Decimal(12948535) contains.

Decimal(12948535)	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(12948535)

Conversions

Conversions Part 1

Format	Color
Hex	C59437
RGB	197, 148, 55
RGB Percent	77%, 58%, 22%
CMY	0.2275, 0.4196, 0.7843
CMYK	0.00, 0.25, 0.72, 0.23
HSL	39°, 56%, 49%
HSV	39°, 72%, 77%
XYZ	34.3055, 33.3260, 8.2389
YIQ	152.0490, 59.0570, -18.5350

Conversions

Conversions Part 2

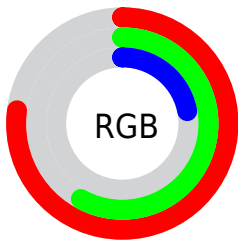
Format	Color
RYB	130, 197, 55
Decimal	12948535
CIELab	64.42, 9.34, 54.07
CIElCh	64, 54.870, 80.199
Yxy	33.3260, 0.4522, 0.4392
Android (android.graphics.Color)	4291138615 (0xFFC59437)
YUV	152.0490, -47.8452, 39.4220
Hunter-Lab	57.7286, 5.0491, 31.9483

Details

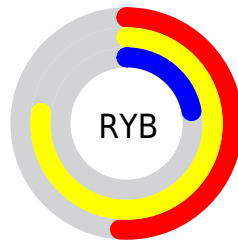
The Decimal color **12948535** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3631301**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16763499**, and **9134592** is the 20% darker color. If you saturate the color by 10%, you get **12946723**, and if you desaturate by 10%, it is **12950347**.

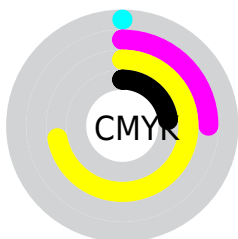
Distribution



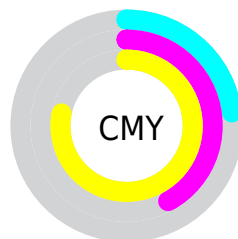
- Red (77%)
- Green (58%)
- Blue (22%)



- Red (51%)
- Yellow (77%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (72%)
- Black (23%)























- Cyan (23%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12948535 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 12948535 by changing the saturation by 10% instead.

 12948535	 12948535
 16777215	 11041307
 16763499	 9134592
 16770694	 7293440
 16777121	 5452800
 16777149	 3743488
 16777177	 2164736
 16777206	 0
 12948535	 12948535
 12946723	 12950347

 12944912

 12952158

 12943616

 12953714

 12955526

 12957338

 12959149

 12960961

 12962517

 12964328

Harmonies

Analogous

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



15171922



12948535



9937978

Triad

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



12948535



46269



13140699

Complementary

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



12948535



3631301

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.



8623864



12948535



45287

Square

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



12948535



45962



42749



15626926

Rectangle

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



12948535



7514957



42749



11897063

Sweetspot

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



12948535



16772295



12924777



8418398



0



8421504

Same Dimension

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



12948535



16757540



11584823



6512730



10709760



2365184

Inverse Universe

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



3631301



2387967



4995013



5922147



14499



3108

Previews

White Background



This preview shows how the Decimal color 12948535 looks on a white background.

Color Contrast Check

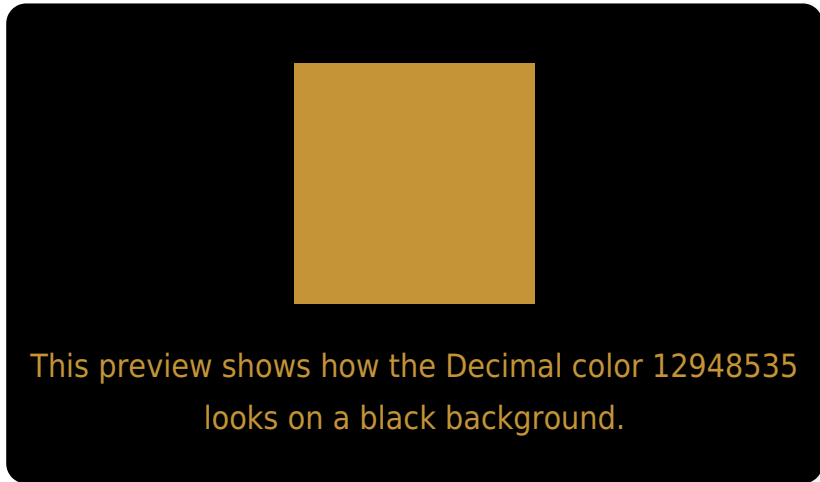
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

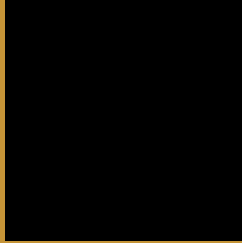
Any Text WCAG AA ✓ Pass

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 12948535 Background



This preview shows how black text looks on a background with the Decimal color 12948535.



This preview shows how white text looks on a background with the Decimal color 12948535.

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
12948535

Protanopia
11509049

Deuteranopia
12883255



Tritanopia
13339541

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12948535 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 #C59437 looks like.

```
.text, #text, p{  
    color:#C59437  
}
```

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 #C59437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59437
}
```

Border

The CSS property to change the border of an element to Decimal 12948535 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
#C59437 }
```

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

```
.border{ border-color:#C59437 }
```

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

Here you see how a box with a 4 pixel #C59437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59437; -webkit-box-shadow:4px 4px  
4px 4px #C59437; box-shadow:4px 4px 4px  
4px #C59437 }
```

Background

The CSS property to change the background color of an element to Decimal 12948535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59437 }
```

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

```
.background{ background-color:#C59437 }
```

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