

Converting Colors

Decimal(12753928)

Have a look what the booklet for
Decimal(12753928) contains.

Decimal(12753928)	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(12753928)

Conversions

Conversions Part 1

Format	Color
Hex	C29C08
RGB	194, 156, 8
RGB Percent	76%, 61%, 3%
CMY	0.2392, 0.3882, 0.9686
CMYK	0.00, 0.20, 0.96, 0.24
HSL	48°, 92%, 40%
HSV	48°, 96%, 76%
XYZ	34.1804, 35.2638, 5.2348
YIQ	150.4900, 70.1560, -37.9720

Conversions

Conversions Part 2

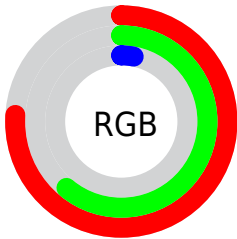
Format	Color
RYB	56, 194, 8
Decimal	12753928
CIELab	65.95, 2.31, 68.58
CIELCh	66, 68.614, 88.067
Yxy	35.2638, 0.4577, 0.4722
Android (android.graphics.Color)	4290944008 (0xFFC29C08)
YUV	150.4900, -70.2476, 38.1583
Hunter-Lab	59.3833, -1.1781, 36.3417

Details

The Decimal color **12753928** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **536258**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16765518**, and **8874240** is the 20% darker color. If you saturate the color by 10%, you get **12753408**, and if you desaturate by 10%, it is **12754971**.

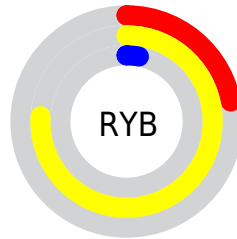
Distribution



Red (76%)

Green (61%)

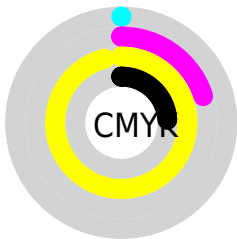
Blue (3%)



Red (22%)

Yellow (76%)

Blue (3%)

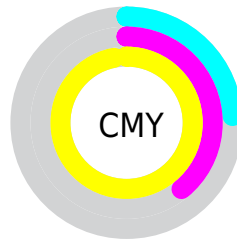


Cyan (0%)

Magenta (20%)

Yellow (96%)

Black (24%)



Cyan (24%)



















Magenta (39%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12753928 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 12753928 by changing the saturation by 10% instead.

 12753928	 12753928
16777215	 10781184
 16765518	 8874240
 16772713	 7033088
 16777093	 5192448
 16777121	 3483136
 16777149	 1904896
 16777178	 0
 16777208	
 12753928	 12753928

■ 12753408

■ 12754971

■ 12756015

■ 12757058

■ 12758102

■ 12759145

■ 12760188

■ 12761232

■ 12762275

■ 12763319

Harmonies

Analogous

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



15828021



12753928



8826404

Triad

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



12753928



48601



15103714

Complementary

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



12753928



536258

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.



9999103



12753928



47103

Square

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



12753928



48538



43519



16737191

Rectangle

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



12753928



5223752



43519



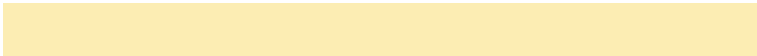
13795315

Sweetspot

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



12753928



16575923



12716080



8418899



0



8421504

Same Dimension

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



12753928



16566528



9290248



6381399



10584064



2169344

Inverse Universe

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



536258



13564



3999938



5724513



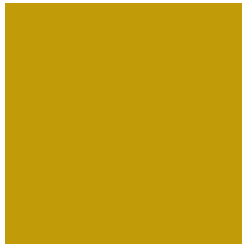
8609



1825

Previews

White Background



This preview shows how the Decimal color 12753928 looks on a white background.

Color Contrast Check

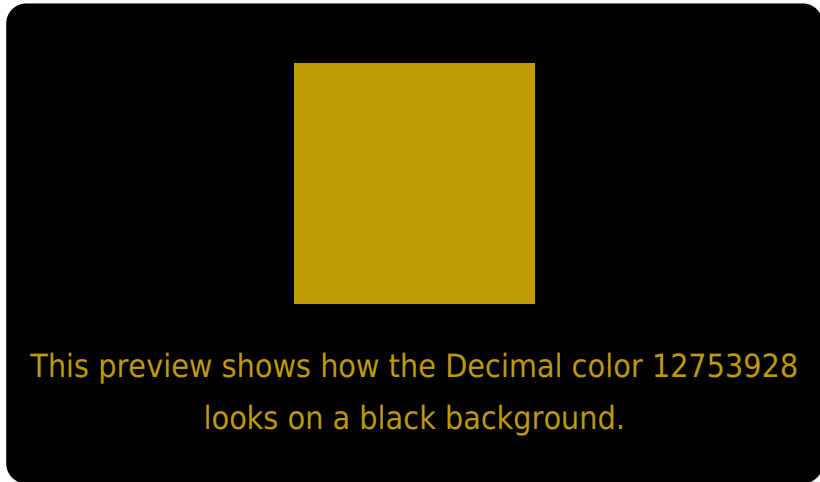
Large Text (above 18pt) WCAG AA × Fail

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 12753928 Background



This preview shows how black text looks on a background with the Decimal color 12753928.

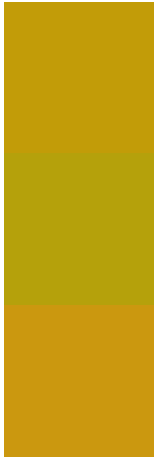


This preview shows how white text looks on a background with the Decimal color 12753928.

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
12753928

Protanopia
11903243

Deuteranopia
13342735



Tritanopia
13275548

Trichromacy



Original Color
12753928

Protanomaly
12230410

Deuteranomaly
13146380

Tritanomaly
13079910

Monochromacy



Original Color
12753928

Achromatopsia
9868950

Achromatomaly
10917986

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12753928 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 #C29C08 looks like.

```
.text, #text, p{  
  color:#C29C08  
}
```

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 #C29C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29C08
}
```

Border

The CSS property to change the border of an element to Decimal 12753928 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
#C29C08 }
```

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

```
.border{ border-color:#C29C08 }
```

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

Here you see how a box with a 4 pixel #C29C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29C08; -webkit-box-shadow:4px 4px  
4px 4px #C29C08; box-shadow:4px 4px 4px  
4px #C29C08 }
```

Background

The CSS property to change the background color of an element to Decimal 12753928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29C08 }
```

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

```
.background{ background-color:#C29C08 }
```

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