

Converting Colors

Decimal(12621824)

Have a look what the booklet for
Decimal(12621824) contains.

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Color

Decimal(12621824)

Conversions

Conversions Part 1

Format	Color
Hex	C09800
RGB	192, 152, 0
RGB Percent	75%, 60%, 0%
CMY	0.2471, 0.4039, 1.0000
CMYK	0.00, 0.21, 1.00, 0.25
HSL	48°, 100%, 38%
HSV	48°, 100%, 75%
XYZ	32.9665, 33.6629, 4.7601
YIQ	146.6320, 72.6320, -38.7920

Conversions

Conversions Part 2

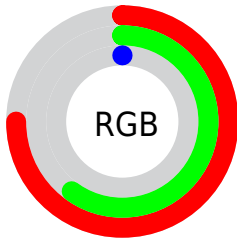
Format	Color
RYB	51, 192, 0
Decimal	12621824
CIELab	64.69, 3.48, 68.67
CIELCh	65, 68.761, 87.097
Yxy	33.6629, 0.4618, 0.4715
Android (android.graphics.Color)	4290811904 (0xFFC09800)
YUV	146.6320, -72.2896, 39.7877
Hunter-Lab	58.0198, -0.1120, 35.7496

Details

The Decimal color **12621824** 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 **10432**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16633418**, and **8742400** is the 20% darker color. If you saturate the color by 10%, you get **12621824**, and if you desaturate by 10%, it is **12622867**.

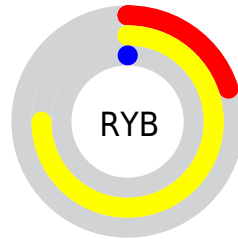
Distribution



Red (75%)

Green (60%)

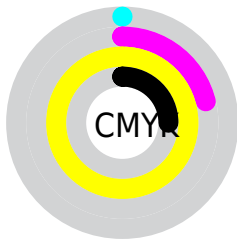
Blue (0%)



Red (20%)

Yellow (75%)

Blue (0%)

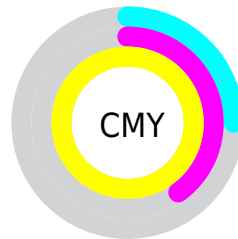


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (25%)



Cyan (25%)



















Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12621824 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 12621824 by changing the saturation by 10% instead.

 12621824	 12621824
 16777215	 10649088
 16633418	 8742400
 16771686	 6901248
 16777089	 5060352
 16777117	 3351040
 16777146	 1772800
 16777174	 0
 16777204	
 12621824	

 12622867

 12623910

 12624954

 12625997

 12627040

 12628083

 12629126

 12630170

 12631213

Harmonies

Analogous

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



15630131



12621824



8694302

Triad

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



12621824



47571



14775265

Complementary

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



12621824



10432

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.



9474047



12621824



46335

Square

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



12621824



47509



42751



16736166

Rectangle

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



12621824



5222723



42751



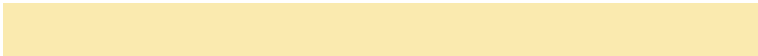
13401329

Sweetspot

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



12621824



16444079



12582954



8221776



16579836



8224125

Same Dimension

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



12621824



16434688



9093120



6381399



10583808



2169344

Inverse Universe

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



10432



13562



3539136



5724513



8609



1825

Previews

White Background



This preview shows how the Decimal color 12621824 looks on a white background.

Color Contrast Check

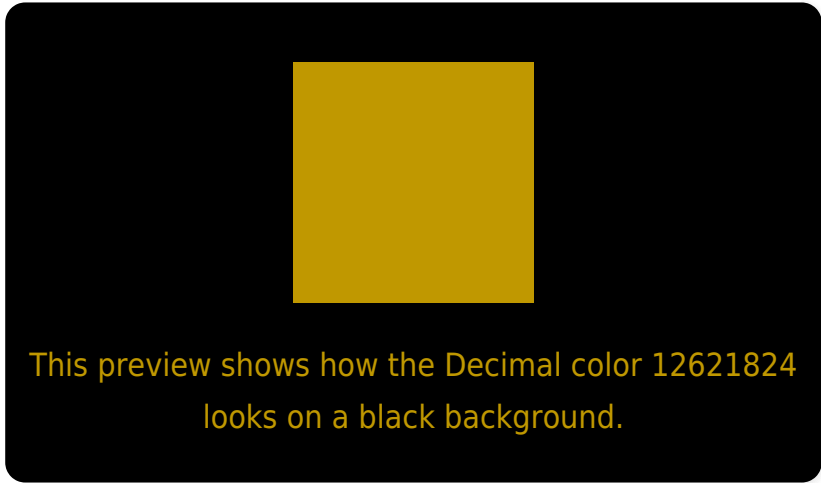
Large Text (above 18pt) WCAG AA × Fail

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 12621824 Background



This preview shows how black text looks on a background with the Decimal color 12621824.



This preview shows how white text looks on a background with the Decimal color 12621824.

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
12621824

Protanopia
11640329

Deuteranopia
13079820



Tritanopia
13143448

Trichromacy



Original Color
12621824

Protanomaly
11967494

Deuteranomaly
12883464

Tritanomaly
12947809

Monochromacy



Original Color
12621824

Achromatopsia
9671571

Achromatomaly
10720606

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12621824 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 #C09800 looks like.

```
.text, #text, p{  
    color:#C09800  
}
```

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 #C09800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09800
}
```

Border

The CSS property to change the border of an element to Decimal 12621824 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
#C09800 }
```

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

```
.border{ border-color:#C09800 }
```

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

Here you see how a box with a 4 pixel #C09800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09800; -webkit-box-shadow:4px 4px  
4px 4px #C09800; box-shadow:4px 4px 4px  
4px #C09800 }
```

Background

The CSS property to change the background color of an element to Decimal 12621824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09800 }
```

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

```
.background{ background-color:#C09800 }
```

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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