

Converting Colors

Decimal(12820224)

Have a look what the booklet for
Decimal(12820224) contains.

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Color

Decimal(12820224)

Conversions

Conversions Part 1

Format	Color
Hex	C39F00
RGB	195, 159, 0
RGB Percent	76%, 62%, 0%
CMY	0.2353, 0.3765, 1.0000
CMYK	0.00, 0.18, 1.00, 0.24
HSL	49°, 100%, 38%
HSV	49°, 100%, 76%
XYZ	34.9038, 36.3984, 5.1860
YIQ	151.6380, 72.4950, -41.8170

Conversions

Conversions Part 2

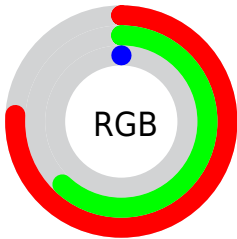
Format	Color
RYB	44, 195, 0
Decimal	12820224
CIELab	66.82, 1.06, 70.30
CIELCh	67, 70.310, 89.138
Yxy	36.3984, 0.4563, 0.4759
Android (android.graphics.Color)	4291010304 (0xFFC39F00)
YUV	151.6380, -74.7575, 38.0285
Hunter-Lab	60.3311, -2.3103, 37.1353

Details

The Decimal color **12820224** 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 **9411**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16766283**, and **8940544** is the 20% darker color. If you saturate the color by 10%, you get **12820224**, and if you desaturate by 10%, it is **12821267**.

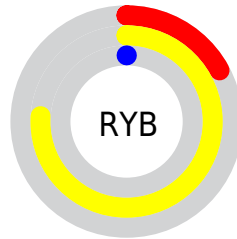
Distribution



Red (76%)

Green (62%)

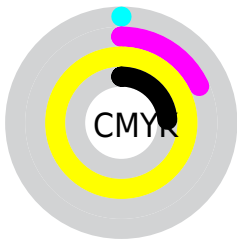
Blue (0%)



Red (17%)

Yellow (76%)

Blue (0%)

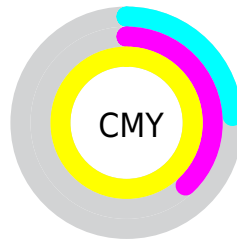


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (24%)



Cyan (24%)


















Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12820224 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 12820224 by changing the saturation by 10% instead.

 12820224	 12820224
16777215	 10847488
 16766283	 8940544
 16773736	 7099392
 16777091	 5258496
 16777119	 3549184
 16777148	 1905664
 16777177	 0
 16777206	
 12820224	

 12821267

 12822055

 12823099

 12823886

 12824930

 12825973

 12826760

 12827804

 12828592

Harmonies

Analogous

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



15959602



12820224



8696100

Triad

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



12820224



49119



15562213

Complementary

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



12820224



9411

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.



10327039



12820224



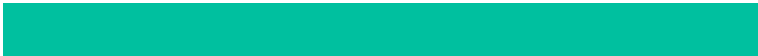
47615

Square

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



12820224



49311



44031



16737191

Rectangle

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



12820224



4962378



44031



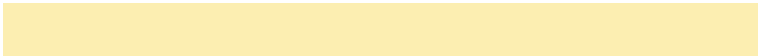
14188534

Sweetspot

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



12820224



16576177



12779559



8419154



0



8421504

Same Dimension

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



12820224



16567808



8962816



6381399



10584832



2169600

Inverse Universe

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



9411



12284



3801283



5724513



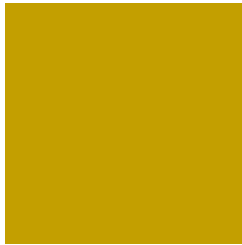
7841



1569

Previews

White Background



This preview shows how the Decimal color 12820224 looks on a white background.

Color Contrast Check

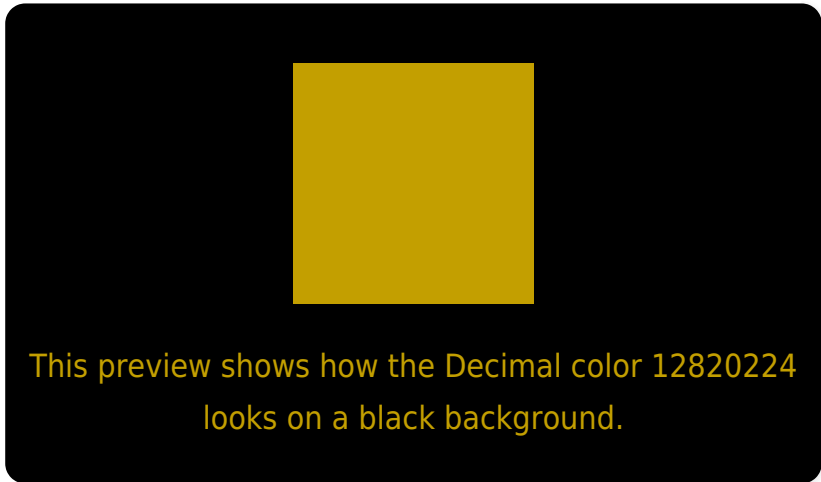
Large Text (above 18pt) WCAG AA × Fail

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 12820224 Background



This preview shows how black text looks on a background with the Decimal color 12820224.



This preview shows how white text looks on a background with the Decimal color 12820224.

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
12820224

Protanopia
12100360

Deuteranopia
13539855



Tritanopia
13341855

Trichromacy



Original Color
12820224

Protanomaly
12362245

Deuteranomaly
13278218

Tritanomaly
13146213

Monochromacy



Original Color
12820224

Achromatopsia
10000536

Achromatomaly
11049825

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12820224 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 #C39F00 looks like.

```
.text, #text, p{  
    color:#C39F00  
}
```

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 #C39F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39F00
}
```

Border

The CSS property to change the border of an element to Decimal 12820224 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
#C39F00 }
```

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

```
.border{ border-color:#C39F00 }
```

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

Here you see how a box with a 4 pixel #C39F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39F00; -webkit-box-shadow:4px 4px  
4px 4px #C39F00; box-shadow:4px 4px 4px  
4px #C39F00 }
```

Background

The CSS property to change the background color of an element to Decimal 12820224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39F00 }
```

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

```
.background{ background-color:#C39F00 }
```

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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