

# Converting Colors

Decimal(12682250)

Have a look what the booklet for  
Decimal(12682250) contains.

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# Color

**Decimal(12682250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1840A
RGB	193, 132, 10
RGB Percent	76%, 52%, 4%
CMY	0.2431, 0.4824, 0.9608
CMYK	0.00, 0.32, 0.95, 0.24
HSL	40°, 90%, 40%
HSV	40°, 95%, 76%
XYZ	30.2984, 27.8619, 4.0681
YIQ	136.3310, 75.5180, -25.0100

# Conversions

## Conversions Part 2

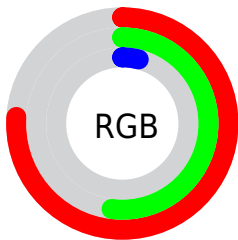
Format	Color
<a href="#">RYB</a>	<a href="#">102, 193, 10</a>
Decimal	<a href="#">12682250</a>
CIELab	<a href="#">59.76, 14.99, 63.77</a>
CIElCh	<a href="#">60, 65.504, 76.772</a>
Yxy	<a href="#">27.8619, 0.4869, 0.4477</a>
Android (android.graphics.Color)	<a href="#">4290872330 (0xFFC1840A)</a>
YUV	<a href="#">136.3310, -62.2812, 49.6987</a>
Hunter-Lab	<a href="#">52.7844, 10.0868, 32.3795</a>

# Details

The Decimal color **12682250** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **673729**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16693578**, and **8803072** is the 20% darker color. If you saturate the color by 10%, you get **12681472**, and if you desaturate by 10%, it is **12683805**.

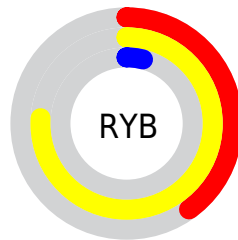
# Distribution



Red (76%)

Green (52%)

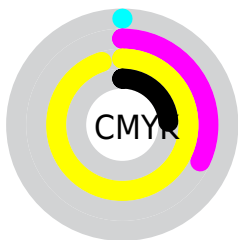
Blue (4%)



Red (40%)

Yellow (76%)

Blue (4%)

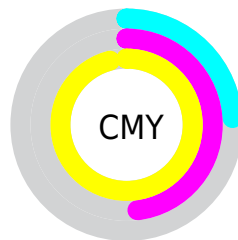


Cyan (0%)

Magenta (32%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (48%)



















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12682250 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 12682250 by changing the saturation by 10% instead.



 12682250	 12682250
16777215	 10709760
 16693578	 8803072
 16766309	 6896640
 16773504	 5056000
 16777115	 3281152
 16777143	 1769473
 16777172	 0
 16777201	
 12682250	 12682250

■ 12681472

■ 12683805

■ 12685617

■ 12687172

■ 12688983

■ 12690538

■ 12692350

■ 12693905

■ 12695460

■ 12697272

# Harmonies

## Analogous

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



15166269



12682250



9279234

# Triad

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



12682250



43952



12284640

# Complementary

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



12682250



673729

# 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.



5803007



12682250



43235

# Square

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



12682250



43380



40703



15424172

# Rectangle

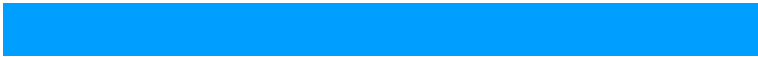
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12682250



6529065



40703



10648557



# Sweetspot

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



12682250



16442292



12651079



8220498



16579836



8224125



# Same Dimension

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



12682250



16426752



10666250



6381143



10578688



2168320



# Inverse Universe

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



673729



21498



2624193



5724769



13985



2849



# Previews

## White Background



This preview shows how the Decimal color 12682250 looks on a white background.

## Color Contrast Check

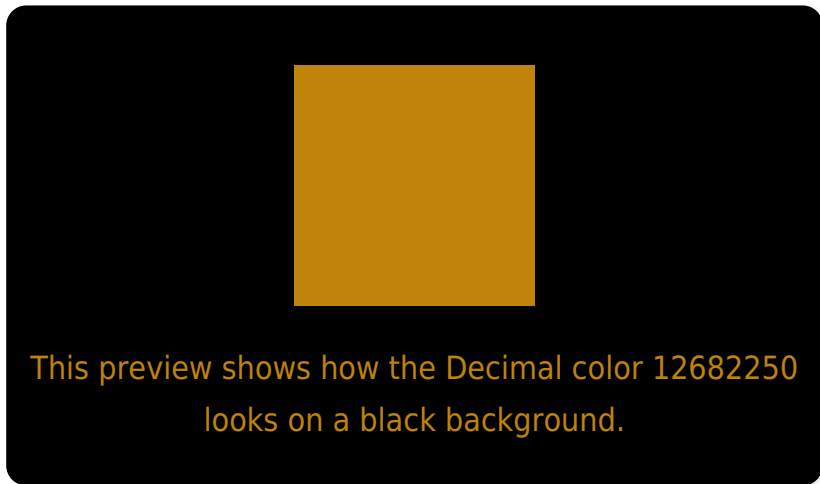
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 12682250 Background



This preview shows how black text looks on a background with the Decimal color 12682250.



This preview shows how white text looks on a background with the Decimal color 12682250.

# 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**  
12682250

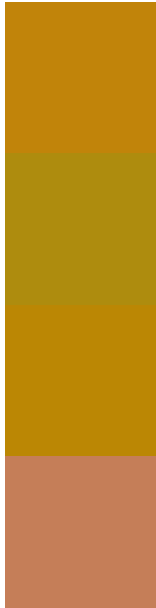
**Protanopia**  
10719504

**Deuteranopia**  
12028160



**Tritanopia**  
13073284

# Trichromacy



**Original Color**  
12682250

**Protanomaly**  
11439118

**Deuteranomaly**  
12289796

**Tritanomaly**  
12942936

# Monochromacy



**Original Color**  
12682250

**Achromatopsia**  
8947848

**Achromatomaly**  
10323802

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12682250 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 #C1840A looks like.

```
.text, #text, p{  
    color:#C1840A  
}
```

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 #C1840A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1840A
}
```

## Border

The CSS property to change the border of an element to Decimal 12682250 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
#C1840A }
```

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

```
.border{ border-color:#C1840A }
```

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

Here you see how a box with a 4 pixel #C1840A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1840A; -webkit-box-shadow:4px 4px  
4px 4px #C1840A; box-shadow:4px 4px 4px  
4px #C1840A }
```

# Background

The CSS property to change the background color of an element to Decimal 12682250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1840A }
```

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

```
.background{ background-color:#C1840A }
```

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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