

# Converting Colors

Decimal(12682270)

Have a look what the booklet for  
Decimal(12682270) contains.

<b>Decimal(12682270)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(12682270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1841E
RGB	193, 132, 30
RGB Percent	76%, 52%, 12%
CMY	0.2431, 0.4824, 0.8824
CMYK	0.00, 0.32, 0.84, 0.24
HSL	38°, 73%, 44%
HSV	38°, 84%, 76%
XYZ	30.4779, 27.9337, 5.0137
YIQ	138.6110, 69.0980, -18.7900

# Conversions

## Conversions Part 2

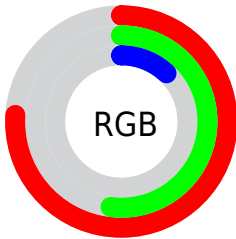
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 193, 30
Decimal	12682270
CIE Lab	59.83, 15.38, 59.05
CIE LCh	60, 61.025, 75.400
Yxy	27.9337, 0.4805, 0.4404
Android (android.graphics.Color)	4290872350 (0xFFC1841E)
YUV	138.6110, -53.5452, 47.6992
Hunter-Lab	52.8524, 10.4425, 31.3723

# Details

The Decimal color **12682270** 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 **1989569**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16693589**, and **8803072** is the 20% darker color. If you saturate the color by 10%, you get **12680459**, and if you desaturate by 10%, it is **12684081**.

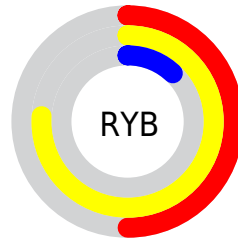
# Distribution



Red (76%)

Green (52%)

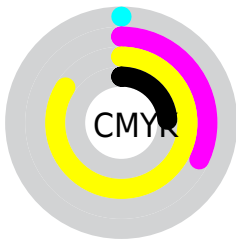
Blue (12%)



Red (50%)

Yellow (76%)

Blue (12%)

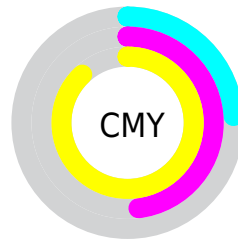


Cyan (0%)

Magenta (32%)

Yellow (84%)

Black (24%)



Cyan (24%)

Magenta (48%)















Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12682270 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 12682270 by changing the saturation by 10% instead.



 12682270	 12682270
16777215	 10709760
 16693589	 8803072
 16766319	 6962176
 16773514	 5121536
 16777126	 3346688
 16777154	 1835009
 16777182	 0
 16777211	
 12682270	 12682270

12680459

12684081

12679424

12685893

12687960

12689771

12691582

12693394

12695461

12697272

12699084

# Harmonies

## Analogous

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



14904901



12682270



9541144

# Triad

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



12682270



43691



11957724

# Complementary

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



12682270



1989569

# 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.



5934584



12682270



42972

# Square

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



12682270



43123



40696



14966957

# Rectangle

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



12682270



6987568



40696



10387176



# Sweetspot

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



12682270



16442299



12656220



8220503



16579836



8224125



# Same Dimension

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



12682270



16423936



11452702



6380887



10577152



2168064



# Inverse Universe

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



1989569



24314



3219137



5725025



15521



3105



# Previews

## White Background



This preview shows how the Decimal color 12682270 looks on a white background.

## Color Contrast Check

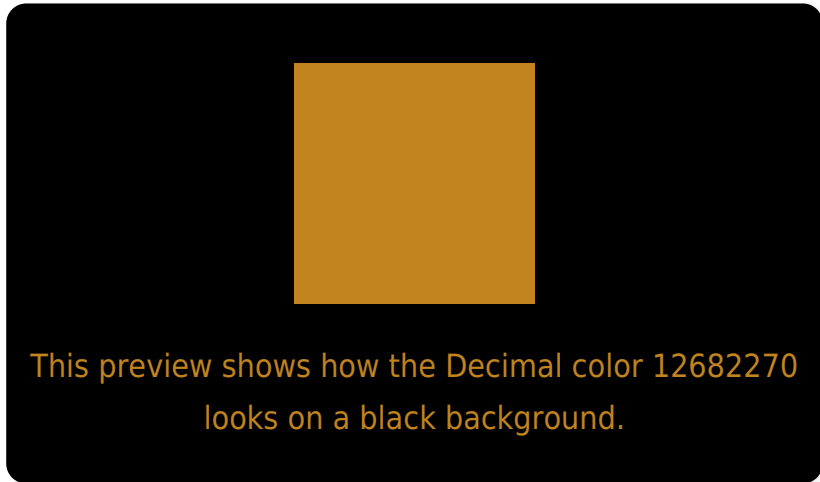
Large Text (above 18pt) WCAG AA ✓ Pass

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 12682270 Background



This preview shows how black text looks on a background with the Decimal color 12682270.



This preview shows how white text looks on a background with the Decimal color 12682270.

# 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**  
12682270

**Protanopia**  
10719521

**Deuteranopia**  
11962651



**Tritanopia**  
13073284

# Trichromacy



**Original Color**  
12682270

**Protanomaly**  
11439136

**Deuteranomaly**  
12224284

**Tritanomaly**  
12942943

# Monochromacy



**Original Color**  
12682270

**Achromatopsia**  
9145227

**Achromatomaly**  
10455139

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12682270 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 #C1841E looks like.

```
.text, #text, p{  
    color:#C1841E  
}
```

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 #C1841E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1841E
}
```

## Border

The CSS property to change the border of an element to Decimal 12682270 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
#C1841E }
```

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

```
.border{ border-color:#C1841E }
```

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

Here you see how a box with a 4 pixel #C1841E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1841E; -webkit-box-shadow:4px 4px  
4px 4px #C1841E; box-shadow:4px 4px 4px  
4px #C1841E }
```

# Background

The CSS property to change the background color of an element to Decimal 12682270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1841E }
```

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

```
.background{ background-color:#C1841E }
```

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