

# Converting Colors

Decimal(12614712)

Have a look what the booklet for  
Decimal(12614712) contains.

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# Color

**Decimal(12614712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C07C38
RGB	192, 124, 56
RGB Percent	75%, 49%, 22%
CMY	0.2471, 0.5137, 0.7804
CMYK	0.00, 0.35, 0.71, 0.25
HSL	30°, 55%, 49%
HSV	30°, 71%, 75%
XYZ	29.6597, 25.9073, 7.1788
YIQ	136.5800, 62.3560, -6.7320

# Conversions

## Conversions Part 2

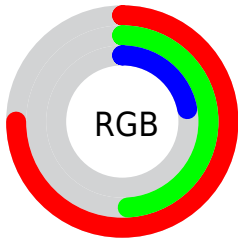
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 192, 56
Decimal	12614712
CIELab	57.95, 20.39, 46.70
CIELCh	58, 50.961, 66.409
Yxy	25.9073, 0.4727, 0.4129
Android (android.graphics.Color)	4290804792 (0xFFC07C38)
YUV	136.5800, -39.7259, 48.6033
Hunter-Lab	50.8992, 14.9409, 27.2673

# Details

The Decimal color **12614712** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **3701952**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16560490**, and **8801026** is the 20% darker color. If you saturate the color by 10%, you get **12612133**, and if you desaturate by 10%, it is **12617291**.

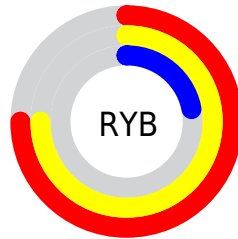
# Distribution



Red (75%)

Green (49%)

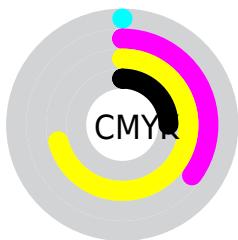
Blue (22%)



Red (75%)

Yellow (75%)

Blue (22%)

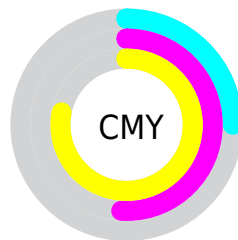


Cyan (0%)

Magenta (35%)

Yellow (71%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 12614712 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 12614712 by changing the saturation by 10% instead.



 12614712  12614712

16777215  10707743

 16560490  8801026

 16764036  6960128

 16771231  5119488

 16777146  3344640

 16777175  1572865

 16777203  0

 12614712  12614712

 12612133  12617291

12609810

12619614

12607488

12622194

12624517

12627096

12629675

12631998

12634578

12636901

# Harmonies

## Analogous

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



14183257



12614712



10193964

# Triad

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



12614712



41364



10124499

# Complementary

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



12614712



3701952

# 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.



4558308



12614712



41151

# Square

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



12614712



2137958



39388



13200048

# Rectangle

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



12614712



8229942



39388



8684251

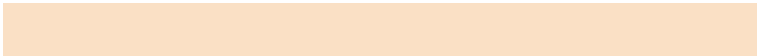


# Sweetspot

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



12614712



16441541



12597372



8219998



16579836



8224125



# Same Dimension

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



12614712



16420901



12632120



6380631



10571776



2167040



# Inverse Universe

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



3701952



2461946



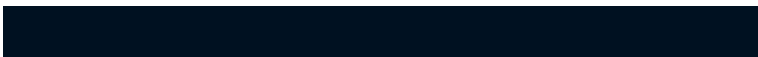
3684544



5725281



20641



4385



# Previews

## White Background



This preview shows how the Decimal color 12614712 looks on a white background.

## Color Contrast Check

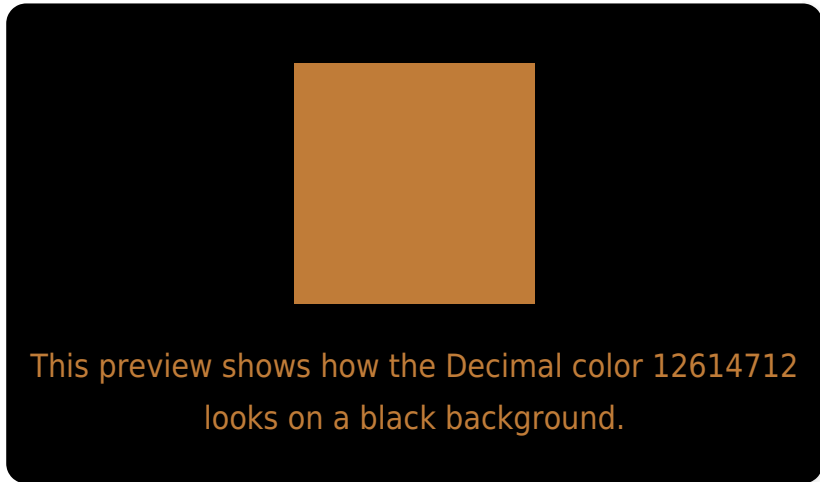
Large Text (above 18pt) WCAG AA ✓ Pass

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

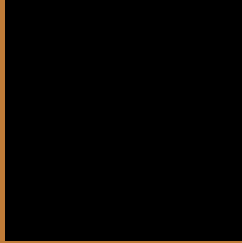
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12614712 Background



This preview shows how black text looks on a background with the Decimal color 12614712.



This preview shows how white text looks on a background with the Decimal color 12614712.

# 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**  
12614712

**Protanopia**  
10193981

**Deuteranopia**  
11437366



**Tritanopia**  
12875133

# Trichromacy



**Original Color**  
12614712

**Protanomaly**  
11044411

**Deuteranomaly**  
11895351

**Tritanomaly**  
12810340

# Monochromacy



**Original Color**  
12614712

**Achromatopsia**  
9013641

**Achromatomaly**  
10323052

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12614712 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 #C07C38 looks like.

```
.text, #text, p{  
    color:#C07C38  
}
```

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 #C07C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C07C38
}
```

## Border

The CSS property to change the border of an element to Decimal 12614712 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
#C07C38 }
```

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

```
.border{ border-color:#C07C38 }
```

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

Here you see how a box with a 4 pixel #C07C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C07C38; -webkit-box-shadow:4px 4px  
4px 4px #C07C38; box-shadow:4px 4px 4px  
4px #C07C38 }
```

# Background

The CSS property to change the background color of an element to Decimal 12614712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C07C38 }
```

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

```
.background{ background-color:#C07C38 }
```

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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