

# Converting Colors

Decimal(10717513)

Have a look what the booklet for  
Decimal(10717513) contains.

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**Color**

**Decimal(10717513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A38949
RGB	163, 137, 73
RGB Percent	64%, 54%, 29%
CMY	0.3608, 0.4627, 0.7137
CMYK	0.00, 0.16, 0.55, 0.36
HSL	43°, 38%, 46%
HSV	43°, 55%, 64%
XYZ	25.2525, 26.1589, 10.0215
YIQ	137.4780, 36.0400, -14.3920

# Conversions

## Conversions Part 2

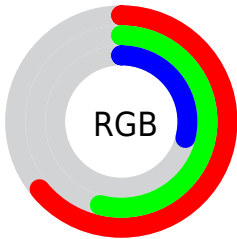
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 163, 73
Decimal	10717513
CIELab	58.19, 1.66, 37.61
CIELCh	58, 37.646, 87.472
Yxy	26.1589, 0.4111, 0.4258
Android (android.graphics.Color)	4288907593 (0xFFA38949)
YUV	137.4780, -31.7877, 22.3828
Hunter-Lab	51.1458, -1.3732, 24.1847

# Details

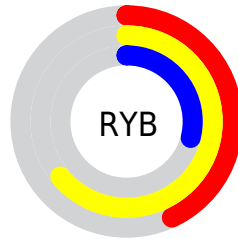
The Decimal color **10717513** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4809635**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **14466683**, and **7165721** is the 20% darker color. If you saturate the color by 10%, you get **10716217**, and if you desaturate by 10%, it is **10718809**.

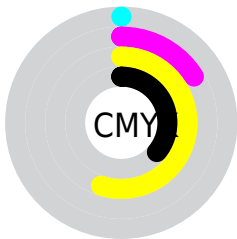
# Distribution



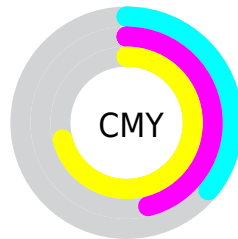
- Red (64%)
- Green (54%)
- Blue (29%)



- Red (43%)
- Yellow (64%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10717513 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 10717513 by changing the saturation by 10% instead.



 10717513       10717513

16777215       8941617

 14466683       7165721

 16374422       5455872

 16774833       3811840

 16777164       2168320

 16777193       0

 10717513       10717513

 10716217       10718809

 10715176       10719850

■ 10713880

■ 10721146

■ 10712584

■ 10722442

■ 10712064

■ 10723739

■ 10724779

■ 10726075

■ 10727371

■ 10728412

# Harmonies

## Analogous

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



12418389



10717513



8557392

# Triad

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



10717513



40361



11696304

# Complementary

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



10717513



4809635

# 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.



9143494



10717513



39107

# Square

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



10717513



2203016



5411021



13136272

# Rectangle

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



10717513



6854750



5411021



10976441



# Sweetspot

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



10717513



13945264



10701156



7038294



15461355



7039851



# Same Dimension

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



10717513



13937480



9544521



5394249



9529088



1182976



# Inverse Universe

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



4809635



4747476



5982627



4803666



10897



1298



# Previews

## White Background



This preview shows how the Decimal color 10717513 looks on a white background.

## Color Contrast Check

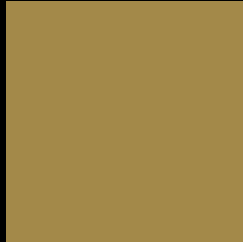
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10717513 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

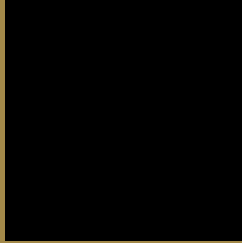
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10717513 Background



This preview shows how black text looks on a background with the Decimal color 10717513.



This preview shows how white text looks on a background with the Decimal color 10717513.

# 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**  
10717513

**Protanopia**  
10128458

**Deuteranopia**  
11306314



**Tritanopia**  
11108747

# Trichromacy



**Original Color**  
10717513

**Protanomaly**  
10324810

**Deuteranomaly**  
11109962

**Tritanomaly**  
10978419

# Monochromacy



**Original Color**  
10717513

**Achromatopsia**  
9013641

**Achromatomaly**  
9603442

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10717513 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 #A38949 looks like.

```
.text, #text, p{  
    color:#A38949  
}
```

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 #A38949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A38949
}
```

## Border

The CSS property to change the border of an element to Decimal 10717513 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
#A38949 }
```

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

```
.border{ border-color:#A38949 }
```

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

Here you see how a box with a 4 pixel #A38949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A38949; -webkit-box-shadow:4px 4px  
4px 4px #A38949; box-shadow:4px 4px 4px  
4px #A38949 }
```

# Background

The CSS property to change the background color of an element to Decimal 10717513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A38949 }
```

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

```
.background{ background-color:#A38949 }
```

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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