

# Converting Colors

Decimal(11513466)

Have a look what the booklet for  
Decimal(11513466) contains.

<b>Decimal(11513466)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11513466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFAE7A
RGB	175, 174, 122
RGB Percent	69%, 68%, 48%
CMY	0.3137, 0.3176, 0.5216
CMYK	0.00, 0.01, 0.30, 0.31
HSL	59°, 25%, 58%
HSV	59°, 30%, 69%
XYZ	36.3281, 40.7912, 24.3711
YIQ	168.3710, 17.2880, -15.9600

# Conversions

## Conversions Part 2

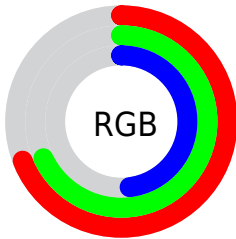
Format	Color
<a href="#">RYB</a>	<a href="#">123, 175, 122</a>
Decimal	<a href="#">11513466</a>
CIELab	<a href="#">70.03, -7.96, 26.89</a>
CIELCh	<a href="#">70, 28.046, 106.482</a>
Yxy	<a href="#">40.7912, 0.3579, 0.4019</a>
Android (android.graphics.Color)	<a href="#">4289703546 (0xFFFAFE7A)</a>
YUV	<a href="#">168.3710, -22.8609, 5.8136</a>
Hunter-Lab	<a href="#">63.8680, -10.2382, 22.0833</a>

# Details

The Decimal color **11513466** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8027055**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **15197615**, and **8026697** is the 20% darker color. If you saturate the color by 10%, you get **11513449**, and if you desaturate by 10%, it is **11513484**.

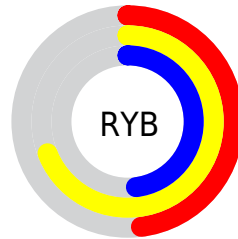
# Distribution



Red (69%)

Green (68%)

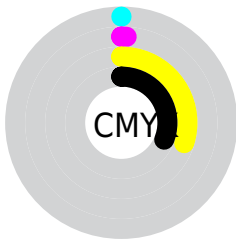
Blue (48%)



Red (48%)

Yellow (69%)

Blue (48%)

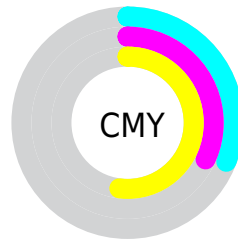


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (31%)



Cyan (31%)

Magenta (32%)


Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 11513466 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 11513466 by changing the saturation by 10% instead.



 11513466

 11513466

16777215

 9737057

 15197615

 8026697

 16777162

 6316337


 16777191


 4737307


 3158787


 1711616


 0


 11513466


 11513466

 11513449

 11513484

 11513175


 11513757

 11513158

 11513775

 11513140

 11513792

 11512867

 11514066

 11512849

 11514083

 11512832

 11514101

 11514367

# Harmonies

## Analogous

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



13149818



11513466



9614727

# Triad

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



11513466



6338511



14064312

# Complementary

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



11513466



8027055

# 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.



12624078



11513466



8106460

# Square

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



11513466



6339001



10463708



14653854

# Rectangle

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



11513466



8370326



10463708



13671360



# Sweetspot

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



11513466



14934991



11500156



7566182



15921906



7566195



# Same Dimension

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



11513466



14934417



9875322



5723982



9868288



1513216



# Inverse Universe

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



8027055



9540579



9665199



5131863



918



23



# Previews

## White Background



This preview shows how the Decimal color 11513466 looks on a white background.

## Color Contrast Check

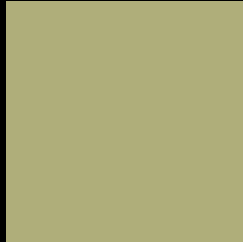
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11513466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

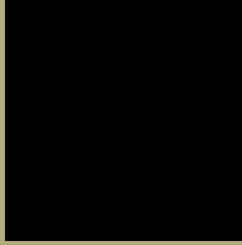
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

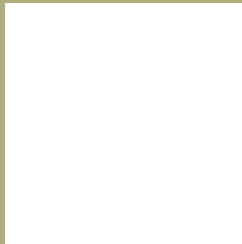
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11513466 Background



This preview shows how black text looks on a background with the Decimal color 11513466.



This preview shows how white text looks on a background with the Decimal color 11513466.

# 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](#).

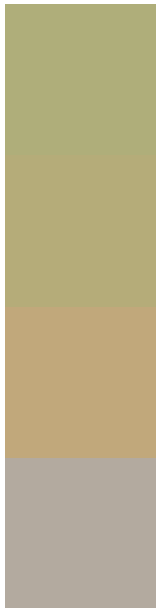
## Dichromacy





**Tritanopia**  
11970484

# Trichromacy



**Original Color**  
11513466

**Protanomaly**  
11906169

**Deuteranomaly**  
12691579

**Tritanomaly**  
11774623

# Monochromacy



**Original Color**  
11513466

**Achromatopsia**  
11053224

**Achromatomaly**  
11250327

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11513466 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 #AFAE7A looks like.

```
.text, #text, p{  
    color:#AFAE7A  
}
```

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 #AFAE7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFAE7A
}
```

## Border

The CSS property to change the border of an element to Decimal 11513466 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
#AFAE7A }
```

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

```
.border{ border-color:#AFAE7A }
```

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

Here you see how a box with a 4 pixel #AFAE7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFAE7A; -webkit-box-shadow:4px 4px  
4px 4px #AFAE7A; box-shadow:4px 4px 4px  
4px #AFAE7A }
```

# Background

The CSS property to change the background color of an element to Decimal 11513466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFAE7A }
```

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

```
.background{ background-color:#AFAE7A }
```

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