

# Converting Colors

Decimal(11196987)

Have a look what the booklet for  
Decimal(11196987) contains.

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**Color**

**Decimal(11196987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AADA3B
RGB	170, 218, 59
RGB Percent	67%, 85%, 23%
CMY	0.3333, 0.1451, 0.7686
CMYK	0.22, 0.00, 0.73, 0.15
HSL	78°, 68%, 54%
HSV	78°, 73%, 85%
XYZ	42.4384, 59.0046, 13.2900
YIQ	185.5220, 22.4310, -59.6250

# Conversions

## Conversions Part 2

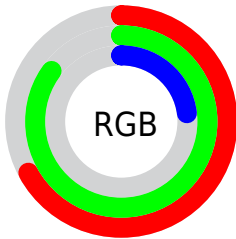
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 218, 107
Decimal	11196987
CIELab	81.29, -37.21, 68.54
CIELCh	81, 77.990, 118.499
Yxy	59.0046, 0.3699, 0.5143
Android (android.graphics.Color)	4289387067 (0xFFAADA3B)
YUV	185.5220, -62.3753, -13.6128
Hunter-Lab	76.8145, -35.8078, 43.5121

# Details

The Decimal color **11196987** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7027674**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **15073141**, and **7447296** is the 20% darker color. If you saturate the color by 10%, you get **10738213**, and if you desaturate by 10%, it is **11655761**.

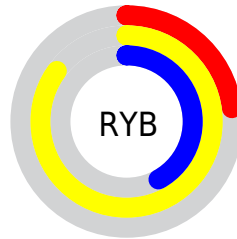
# Distribution



Red (67%)

Green (85%)

Blue (23%)



Red (23%)

Yellow (85%)

Blue (42%)

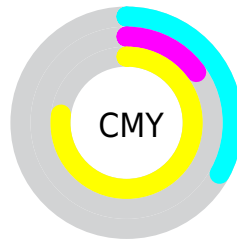


Cyan (22%)

Magenta (0%)

Yellow (73%)

Black (15%)



Cyan (33%)

Magenta (15%)


















Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11196987 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 11196987 by changing the saturation by 10% instead.



 11196987	 11196987
 16777215	 9289239
 15073141	 7447296
 16777105	 5605376
 16777133	 3763968
 16777162	 1660416
 16777191	 15872
	 10496
	 2304
	 0

■ 11196987

■ 11196987

■ 10738213

■ 11655761

■ 10344975

■ 12048999

■ 10017280

■ 12507772

■ 12901010

■ 13359784

■ 13753022

■ 14211796

■ 14670569

■ 15063807

# Harmonies

## Analogous

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



15910177



11196987



3597946

# Triad

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



11196987



58623



16745425

# Complementary

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



11196987



7027674

# 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.



16750847



11196987



54527

# Square

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



11196987



60671



12826879



16747657

# Rectangle

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



11196987



60330



12826879



16746473

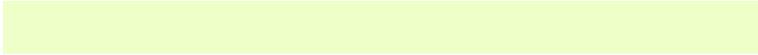


# Sweetspot

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



11196987



15663047



14314299



7700574



0



8421504



# Same Dimension

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



11196987



12320543



6019643



6975075



7974144



2108928



# Inverse Universe

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



7027674



6430719



12205018



6710126



3408045



917550



# Previews

## White Background



This preview shows how the Decimal color 11196987 looks on a white background.

## Color Contrast Check

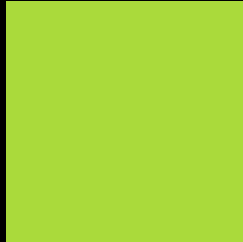
Large Text (above 18pt) WCAG AA × Fail

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 11196987 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 11196987 Background



This preview shows how black text looks on a background with the Decimal color 11196987.

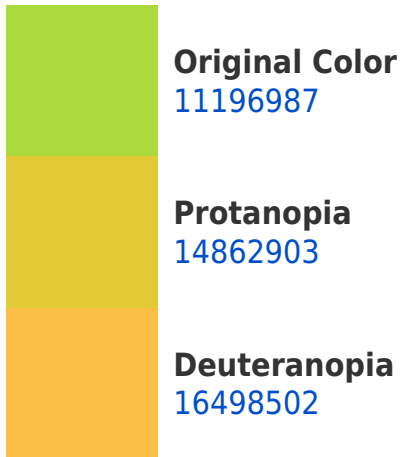


This preview shows how white text looks on a background with the Decimal color 11196987.

# 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**  
12372956

# Trichromacy



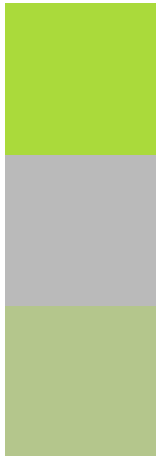
**Original Color**  
11196987

**Protanomaly**  
13553720

**Deuteranomaly**  
14600514

**Tritanomaly**  
11915425

# Monochromacy



**Original Color**  
11196987

**Achromatopsia**  
12237498

**Achromatomaly**  
11847308

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11196987 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 #AADA3B looks like.

```
.text, #text, p{  
    color:#AADA3B  
}
```

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 #AADA3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AADA3B
}
```

## Border

The CSS property to change the border of an element to Decimal 11196987 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
#AADA3B }
```

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

```
.border{ border-color:#AADA3B }
```

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

Here you see how a box with a 4 pixel #AADA3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AADA3B; -webkit-box-shadow:4px 4px  
4px 4px #AADA3B; box-shadow:4px 4px 4px  
4px #AADA3B }
```

# Background

The CSS property to change the background color of an element to Decimal 11196987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AADA3B }
```

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

```
.background{ background-color:#AADA3B }
```

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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