

# Converting Colors

Decimal(11456619)

Have a look what the booklet for  
Decimal(11456619) contains.

<b>Decimal(11456619)</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(11456619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AED06B
RGB	174, 208, 107
RGB Percent	68%, 82%, 42%
CMY	0.3176, 0.1843, 0.5804
CMYK	0.16, 0.00, 0.49, 0.18
HSL	80°, 52%, 62%
HSV	80°, 49%, 82%
XYZ	42.6653, 55.1720, 22.3105
YIQ	186.3200, 12.1570, -38.6190

# Conversions

## Conversions Part 2

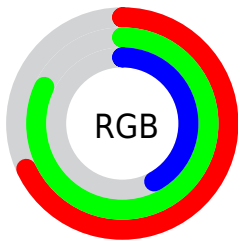
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 208, 141
Decimal	11456619
CIELab	79.14, -27.25, 46.13
CIELCh	79, 53.573, 120.572
Yxy	55.1720, 0.3551, 0.4592
Android (android.graphics.Color)	4289646699 (0xFFAED06B)
YUV	186.3200, -39.1048, -10.8046
Hunter-Lab	74.2778, -27.4556, 34.1858

# Details

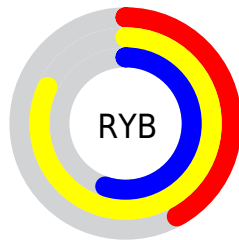
The Decimal color **11456619** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9268176**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **15204256**, and **7838008** is the 20% darker color. If you saturate the color by 10%, you get **10997846**, and if you desaturate by 10%, it is **11915392**.

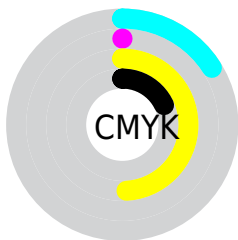
# Distribution



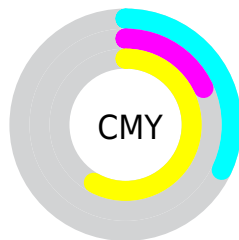
- Red (68%)
- Green (82%)
- Blue (42%)



- Red (42%)
- Yellow (82%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (49%)
- Black (18%)



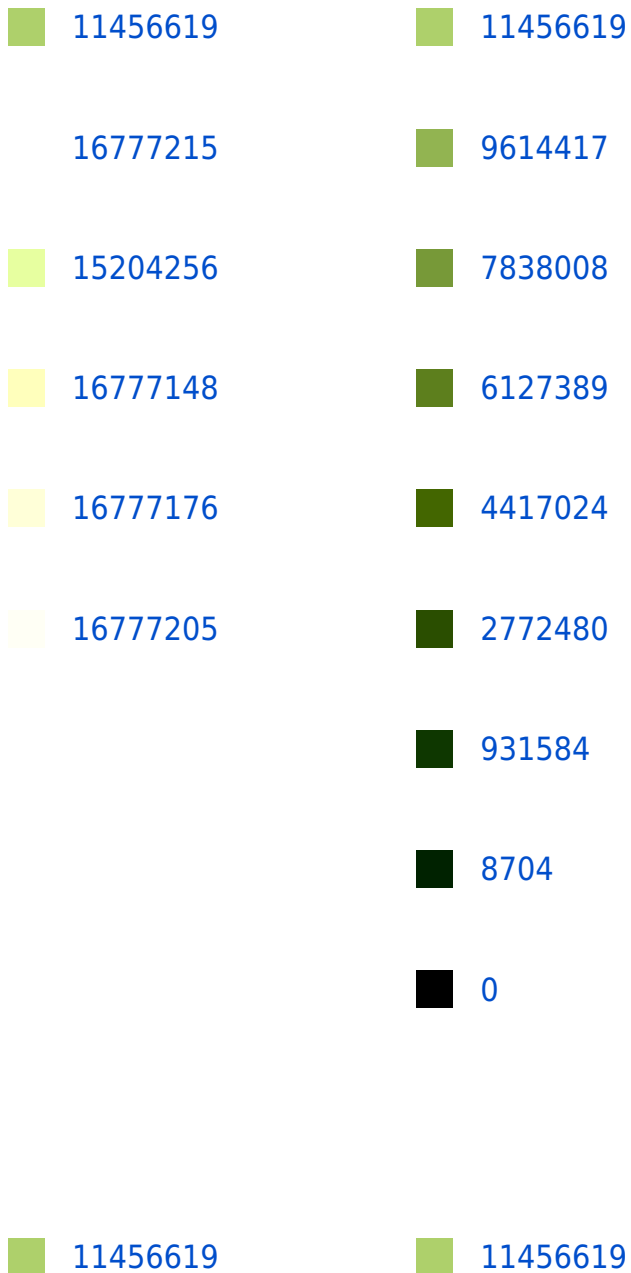
- Cyan (32%)
- Magenta (18%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11456619 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 11456619 by changing the saturation by 10% instead.





■ 10997846

■ 11915392

■ 10539073

■ 12374165

■ 10080301

■ 12832937

■ 9621528

■ 13291710

■ 9162755

■ 13750483

■ 9097216

■ 14209256

■ 14668029

■ 15126783

■ 15585535

# Harmonies

## Analogous

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



14795357



11456619



7264657

# Triad

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



11456619



55039



16751301

# Complementary

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



11456619



9268176

# 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.



16753910



11456619



7326207

# Square

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



11456619



56565



13219839



16752788

# Rectangle

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



11456619



2678194



13219839



16751830

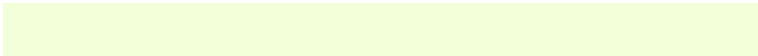


# Sweetspot

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



11456619



15925209



13667691



7897193



0



8421504



# Same Dimension

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



11456619



13500267



8179819



6646110



7383040



1779968



# Inverse Universe

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



9268176



10316799



12544976



6446697



3735720



917545



# Previews

## White Background



This preview shows how the Decimal color 11456619 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 11456619 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 11456619 Background



This preview shows how black text looks on a background with the Decimal color 11456619.



This preview shows how white text looks on a background with the Decimal color 11456619.

# 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





# Trichromacy



**Original Color**  
11456619

**Protanomaly**  
13224040

**Deuteranomaly**  
14140270

**Tritanomaly**  
11978926

# Monochromacy



**Original Color**  
11456619

**Achromatopsia**  
12237498

**Achromatomaly**  
11977373

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11456619 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 #AED06B looks like.

```
.text, #text, p{  
    color:#AED06B  
}
```

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 #AED06B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AED06B
}
```

## Border

The CSS property to change the border of an element to Decimal 11456619 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
#AED06B }
```

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

```
.border{ border-color:#AED06B }
```

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

Here you see how a box with a 4 pixel #AED06B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AED06B; -webkit-box-shadow:4px 4px  
4px 4px #AED06B; box-shadow:4px 4px 4px  
4px #AED06B }
```

# Background

The CSS property to change the background color of an element to Decimal 11456619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AED06B }
```

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

```
.background{ background-color:#AED06B }
```

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