

# Converting Colors

Decimal(11509297)

Have a look what the booklet for  
Decimal(11509297) contains.

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# **Color**

**Decimal(11509297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9E31
RGB	175, 158, 49
RGB Percent	69%, 62%, 19%
CMY	0.3137, 0.3804, 0.8078
CMYK	0.00, 0.10, 0.72, 0.31
HSL	52°, 56%, 44%
HSV	52°, 72%, 69%
XYZ	30.4604, 33.7894, 7.8223
YIQ	150.6570, 45.1210, -30.2950

# Conversions

## Conversions Part 2

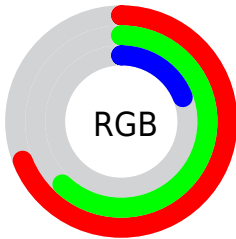
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	69, 175, 49
Decimal	11509297
CIELab	64.80, -6.09, 56.16
CIELCh	65, 56.489, 96.188
Yxy	33.7894, 0.4226, 0.4688
Android (android.graphics.Color)	4289699377 (0xFFAF9E31)
YUV	150.6570, -50.1169, 21.3488
Hunter-Lab	58.1287, -8.1881, 32.7115

# Details

The Decimal color **11509297** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3228335**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **15324262**, and **7826176** is the 20% darker color. If you saturate the color by 10%, you get **11508768**, and if you desaturate by 10%, it is **11509827**.

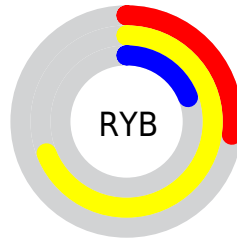
# Distribution



Red (69%)

Green (62%)

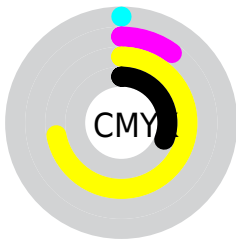
Blue (19%)



Red (27%)

Yellow (69%)

Blue (19%)

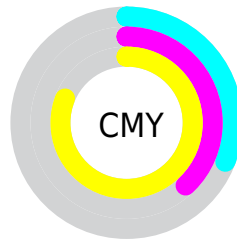


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (31%)



Cyan (31%)

Magenta (38%)


Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11509297 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 11509297 by changing the saturation by 10% instead.



 11509297  11509297

16777215  9667602

 15324262  7826176

 16773505  6050560

 16777116  4340736

 16777144  2631424

 16777172  725760

 16777201  0

 11509297  11509297

 11508768  11509827

■ 11507982

■ 11510612

■ 11507456

■ 11511142

■ 11511671

■ 11512457

■ 11512986

■ 11513771

■ 11514301

■ 11514831

# Harmonies

## Analogous

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



14257215



11509297



8039239

# Triad

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



11509297



46296



14907591

# Complementary

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



11509297



3228335

# 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.



11439087



11509297



44537

# Square

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



11509297



46758



4956159



16347029

# Rectangle

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



11509297



4960610



4956159



13991638



# Sweetspot

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



11509297



14933169



11481412



7565141



15921906



7566195



# Same Dimension

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



11509297



14928160



8630065



5723726



9863680



1512448



# Inverse Universe

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



3228335



2112227



6107567



5132119



5270



791



# Previews

## White Background



This preview shows how the Decimal color 11509297 looks on a white background.

## Color Contrast Check

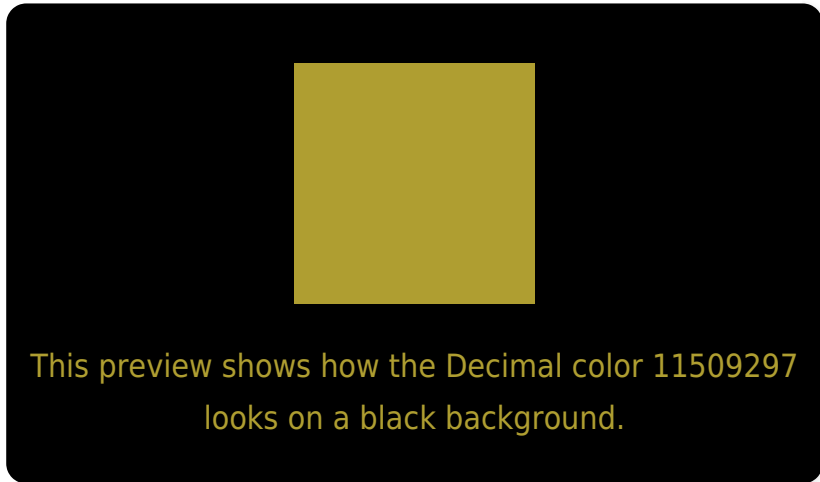
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 11509297 Background



This preview shows how black text looks on a background with the Decimal color 11509297.



This preview shows how white text looks on a background with the Decimal color 11509297.

# 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**  
11509297

**Protanopia**  
11574833

**Deuteranopia**  
12948788



**Tritanopia**  
12096671

# Trichromacy



**Original Color**  
11509297

**Protanomaly**  
11574833

**Deuteranomaly**  
12425267

**Tritanomaly**  
11901047

# Monochromacy



**Original Color**  
11509297

**Achromatopsia**  
9934743

**Achromatomaly**  
10525298

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11509297 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 #AF9E31 looks like.

```
.text, #text, p{  
    color:#AF9E31  
}
```

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 #AF9E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9E31
}
```

## Border

The CSS property to change the border of an element to Decimal 11509297 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
#AF9E31 }
```

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

```
.border{ border-color:#AF9E31 }
```

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

Here you see how a box with a 4 pixel #AF9E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9E31; -webkit-box-shadow:4px 4px  
4px 4px #AF9E31; box-shadow:4px 4px 4px  
4px #AF9E31 }
```

# Background

The CSS property to change the background color of an element to Decimal 11509297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9E31 }
```

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

```
.background{ background-color:#AF9E31 }
```

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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