

# Converting Colors

Decimal(7574309)

Have a look what the booklet for  
Decimal(7574309) contains.

<b>Decimal(7574309)</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(7574309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	739325
RGB	115, 147, 37
RGB Percent	45%, 58%, 15%
CMY	0.5490, 0.4235, 0.8549
CMYK	0.22, 0.00, 0.75, 0.42
HSL	77°, 60%, 36%
HSV	77°, 75%, 58%
XYZ	17.8379, 24.6458, 5.5672
YIQ	124.8920, 16.2380, -40.9940

# Conversions

## Conversions Part 2

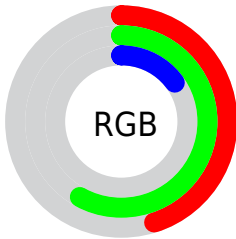
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 147, 69
Decimal	7574309
CIE <sub>Lab</sub>	56.73, -27.22, 51.16
CIE <sub>LCh</sub>	57, 57.952, 118.013
Yxy	24.6458, 0.3712, 0.5129
Android (android.graphics.Color)	4285764389 (0xFF739325)
YUV	124.8920, -43.3308, -8.6753
Hunter-Lab	49.6446, -22.7409, 28.1023

# Details

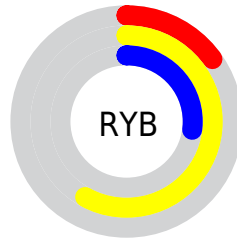
The Decimal color **7574309** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4531603**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **11192666**, and **4087808** is the 20% darker color. If you saturate the color by 10%, you get **7312150**, and if you desaturate by 10%, it is **7836468**.

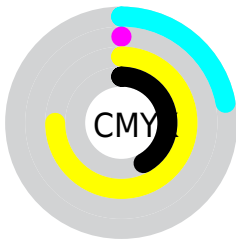
# Distribution



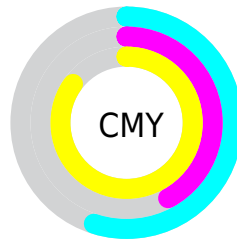
- Red (45%)
- Green (58%)
- Blue (15%)



- Red (15%)
- Yellow (58%)
- Blue (27%)



- Cyan (22%)
- Magenta (0%)
- Yellow (75%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7574309 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 7574309 by changing the saturation by 10% instead.




 7574309

 7574309

16777215

 5798146

 11192666

 4087808

 13034868

 2443264

 14942095

 405760

 16777131

 7936

 16777159

 0

 16777187

 7574309

 7574309

 7312150

 7836468

■ 6984456

■ 8164162

■ 6853376

■ 8426321

■ 8688480

■ 8950639

■ 9278333

■ 9540492

■ 9802651

■ 10064809

# Harmonies

## Analogous

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



10847508



7574309



2464848

# Triad

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



7574309



39901



14702734

# Complementary

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



7574309



4531603

# 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.



12740286



7574309



36845

# Square

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



7574309



41142



8551650



14769500

# Rectangle

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



7574309



40817



8551650



14244511



# Sweetspot

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



7574309



11779989



9651237



5923144



14737632



6381921



# Same Dimension

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



7574309



9289491



4035365



4737603



6457856



461312



# Inverse Universe

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



4531603



4527039



8070547



4539210



2621578



196618



# Previews

## White Background



This preview shows how the Decimal color 7574309 looks on a white background.

## Color Contrast Check

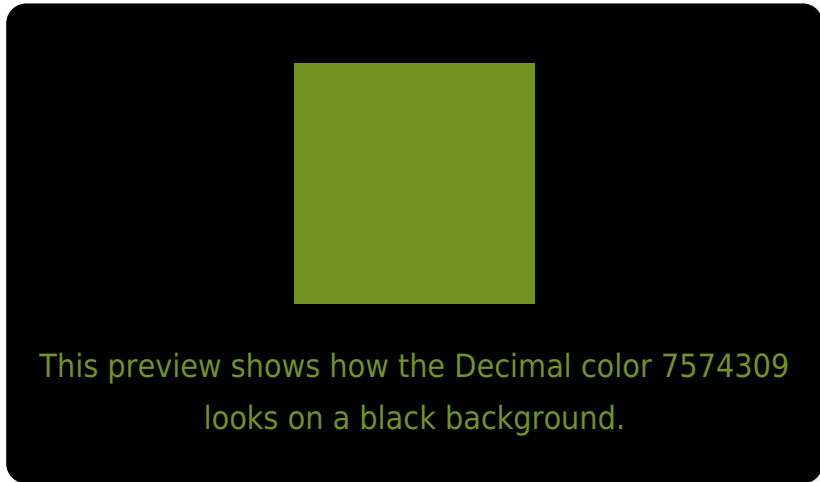
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

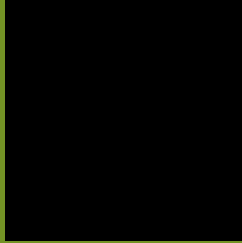
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7574309 Background



This preview shows how black text looks on a background with the Decimal color 7574309.



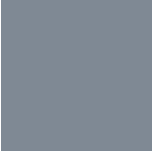
This preview shows how white text looks on a background with the Decimal color 7574309.

# 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**  
8358292

# Trichromacy



**Original Color**  
7574309

**Protanomaly**  
9145379

**Deuteranomaly**  
9865258

**Tritanomaly**  
8097132

# Monochromacy



**Original Color**  
7574309

**Achromatopsia**  
8224125

**Achromatomaly**  
7963997

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7574309 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 #739325 looks like.

```
.text, #text, p{  
    color:#739325  
}
```

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 #739325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739325
}
```

## Border

The CSS property to change the border of an element to Decimal 7574309 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
#739325 }
```

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

```
.border{ border-color:#739325 }
```

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

Here you see how a box with a 4 pixel #739325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739325; -webkit-box-shadow:4px 4px  
4px 4px #739325; box-shadow:4px 4px 4px  
4px #739325 }
```

# Background

The CSS property to change the background color of an element to Decimal 7574309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739325 }
```

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

```
.background{ background-color:#739325 }
```

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