

# Converting Colors

Decimal(3709514)

Have a look what the booklet for  
Decimal(3709514) contains.

<b>Decimal(3709514)</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(3709514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	389A4A
RGB	56, 154, 74
RGB Percent	22%, 60%, 29%
CMY	0.7804, 0.3961, 0.7098
CMYK	0.64, 0.00, 0.52, 0.40
HSL	131°, 47%, 41%
HSV	131°, 64%, 60%
XYZ	14.4225, 24.4464, 10.4370
YIQ	115.5780, -32.7280, -45.6560

# Conversions

## Conversions Part 2

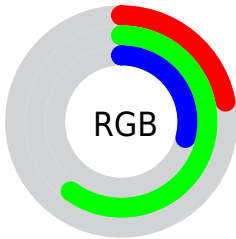
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 139, 154
Decimal	3709514
CIELab	56.53, -45.95, 33.52
CIElCh	57, 56.879, 143.886
Yxy	24.4464, 0.2925, 0.4958
Android (android.graphics.Color)	4281899594 (0xFF389A4A)
YUV	115.5780, -20.4980, -52.2499
Hunter-Lab	49.4433, -34.4576, 22.0947

# Details

The Decimal color **3709514** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10107016**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **7524732**, and **26138** is the 20% darker color. If you saturate the color by 10%, you get **2726461**, and if you desaturate by 10%, it is **4692567**.

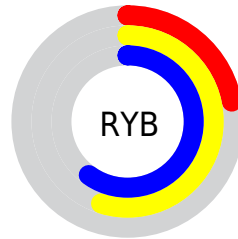
# Distribution



Red (22%)

Green (60%)

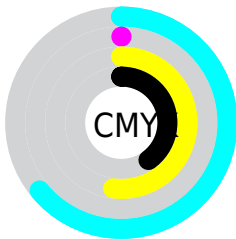
Blue (29%)



Red (22%)

Yellow (55%)

Blue (60%)

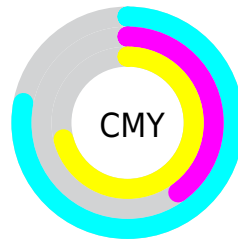


Cyan (64%)

Magenta (0%)

Yellow (52%)

Black (40%)



Cyan (78%)

Magenta (40%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3709514 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 3709514 by changing the saturation by 10% instead.





3709514



3709514

16777215



1343282



7524732



26138



9367191



19712



11206578



13568



13107150



7936



15007722



0



3709514



3709514



2726461



4692567



1677873



5741155

■ 694820

■ 6724208

■ 39452

■ 7772796

■ 8755849

■ 9738901

■ 10787490

■ 11770543

■ 12819131

# Harmonies

## Analogous

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



8032547



3709514



40827

# Triad

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



3709514



37098



14703714

# Complementary

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



3709514



10107016

# 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.



14375316



3709514



7700451

# Square

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



3709514



39895



12216771



13463096

# Rectangle

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



3709514



40862



12216771



14834035



# Sweetspot

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



3709514



10733994



8952376



5203539



15132390



6710886



# Same Dimension

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



3709514



3197260



3709563



4541766



35866



3330



# Inverse Universe

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



10107016



13185197



10106967



5064011



9175154



851978



# Previews

## White Background



This preview shows how the Decimal color 3709514 looks on a white background.

## Color Contrast Check

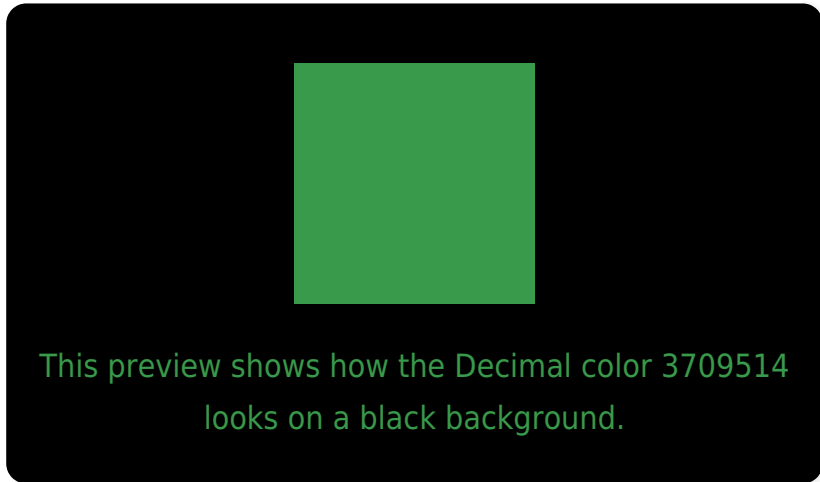
Large Text (above 18pt) WCAG AA ✓ Pass

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 3709514 Background



This preview shows how black text looks on a background with the Decimal color 3709514.




This preview shows how white text looks on a background with the Decimal color 3709514.

# 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**  
5214621

# Trichromacy



**Original Color**

3709514



**Protanomaly**

7573062



**Deuteranomaly**

8161870



**Tritanomaly**

4691071

# Monochromacy



**Original Color**

3709514



**Achromatopsia**

7631988



**Achromatomaly**

6193765

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3709514 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 #389A4A looks like.

```
.text, #text, p{  
    color:#389A4A  
}
```

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 #389A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #389A4A
}
```

## Border

The CSS property to change the border of an element to Decimal 3709514 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
#389A4A }
```

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

```
.border{ border-color:#389A4A }
```

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

Here you see how a box with a 4 pixel #389A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #389A4A; -webkit-box-shadow:4px 4px  
4px 4px #389A4A; box-shadow:4px 4px 4px  
4px #389A4A }
```

# Background

The CSS property to change the background color of an element to Decimal 3709514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#389A4A }
```

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

```
.background{ background-color:#389A4A }
```

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