

# Converting Colors

Decimal(7713816)

Have a look what the booklet for  
Decimal(7713816) contains.

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**Color**

**Decimal(7713816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B418
RGB	117, 180, 24
RGB Percent	46%, 71%, 9%
CMY	0.5412, 0.2941, 0.9059
CMYK	0.35, 0.00, 0.87, 0.29
HSL	84°, 76%, 40%
HSV	84°, 87%, 71%
XYZ	23.8222, 36.4904, 6.6519
YIQ	143.3790, 12.5280, -61.8720

# Conversions

## Conversions Part 2

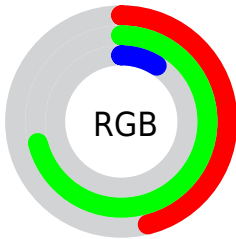
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 180, 87
Decimal	7713816
CIELab	66.89, -42.05, 64.15
CIElCh	67, 76.703, 123.245
Yxy	36.4904, 0.3557, 0.5449
Android (android.graphics.Color)	4285903896 (0xFF75B418)
YUV	143.3790, -58.8538, -23.1344
Hunter-Lab	60.4073, -35.3193, 35.7562

# Details

The Decimal color **7713816** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5707956**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **11463766**, and **3964672** is the 20% darker color. If you saturate the color by 10%, you get **7255046**, and if you desaturate by 10%, it is **8172586**.

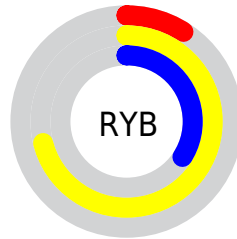
# Distribution



Red (46%)

Green (71%)

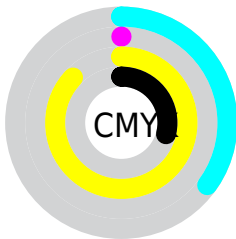
Blue (9%)



Red (9%)

Yellow (71%)

Blue (34%)

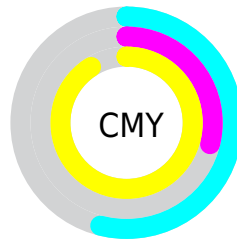


Cyan (35%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (54%)

Magenta (29%)





















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7713816 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 7713816 by changing the saturation by 10% instead.



 7713816	 7713816
 16777215	 5871872
 11463766	 3964672
 13369202	 1991936
 15335310	 19712
 16777130	 13568
 16777159	 8192
 16777188	 0
 7713816	 7713816
 7255046	 8172586

■ 7058432

■ 8696892

■ 9155662

■ 9614432

■ 10073202

■ 10597508

■ 11056278

■ 11515048

■ 11973818

# Harmonies

## Analogous

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



12362240



7713816



48737

# Triad

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



7713816



47871



16734366

# Complementary

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



7713816



5707956

# 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.



16477154



7713816



43519

# Square

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



7713816



49645



11243007



16738395

# Rectangle

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



7713816



49552



11243007



16735157



# Sweetspot

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



7713816



13822894



11818520



6780241



16119285



7697781



# Same Dimension

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



7713816



9235200



2667544



5658960



6002944



989696



# Inverse Universe

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



5707956



6226155



10754228



5525593



4063385



655386



# Previews

## White Background



This preview shows how the Decimal color 7713816 looks on a white background.

## Color Contrast Check

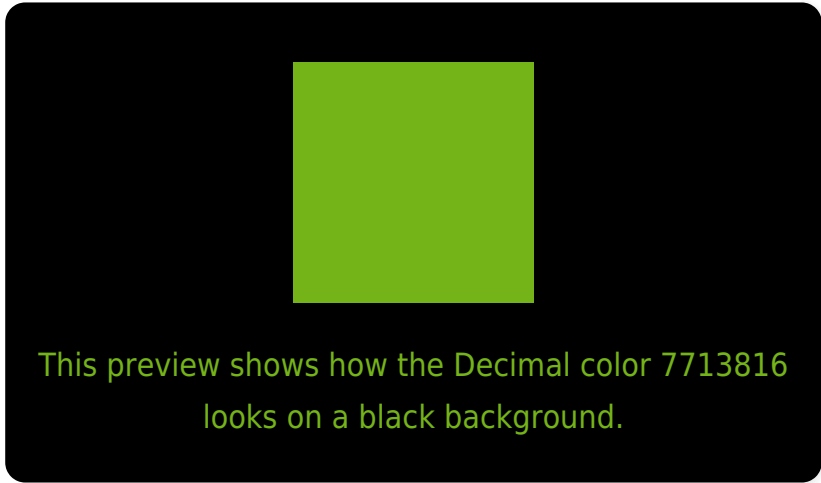
Large Text (above 18pt) WCAG AA × Fail

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 7713816 Background



This preview shows how black text looks on a background with the Decimal color 7713816.



This preview shows how white text looks on a background with the Decimal color 7713816.

# 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**  
7713816



**Protanomaly**  
10463508



**Deuteranomaly**  
11313955



**Tritanomaly**  
8498300

# Monochromacy



**Original Color**  
7713816



**Achromatopsia**  
9408399



**Achromatomaly**  
8821860

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7713816 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 #75B418 looks like.

```
.text, #text, p{  
  color:#75B418  
}
```

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 #75B418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B418
}
```

## Border

The CSS property to change the border of an element to Decimal 7713816 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
#75B418 }
```

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

```
.border{ border-color:#75B418 }
```

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

Here you see how a box with a 4 pixel #75B418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B418; -webkit-box-shadow:4px 4px  
4px 4px #75B418; box-shadow:4px 4px 4px  
4px #75B418 }
```

# Background

The CSS property to change the background color of an element to Decimal 7713816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B418 }
```

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

```
.background{ background-color:#75B418 }
```

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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