

Converting Colors

Decimal(775168)

Have a look what the booklet for
Decimal(775168) contains.

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Color

Decimal(775168)

Conversions

Conversions Part 1

Format	Color
Hex	0BD400
RGB	11, 212, 0
RGB Percent	4%, 83%, 0%
CMY	0.9569, 0.1686, 1.0000
CMYK	0.95, 0.00, 1.00, 0.17
HSL	117°, 100%, 42%
HSV	117°, 100%, 83%
XYZ	23.6815, 47.1581, 7.8543
YIQ	127.7330, -51.7440, -108.5440

Conversions

Conversions Part 2

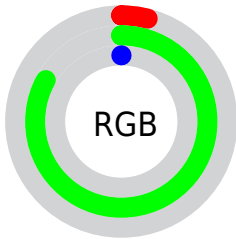
Format	Color
RYB	0, 212, 201
Decimal	775168
CIELab	74.29, -74.56, 72.42
CIELCh	74, 103.940, 135.834
Yxy	47.1581, 0.3009, 0.5993
Android (android.graphics.Color)	4278965248 (0xFF0BD400)
YUV	127.7330, -62.9724, -102.3748
Hunter-Lab	68.6718, -58.6198, 41.2890

Details

The Decimal color **775168** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13172948**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **7274323**, and **39936** is the 20% darker color. If you saturate the color by 10%, you get **775168**, and if you desaturate by 10%, it is **2085909**.

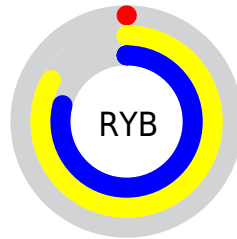
Distribution



Red (4%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (79%)

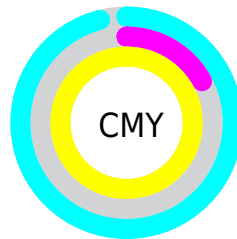


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (96%)















Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 775168 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 775168 by changing the saturation by 10% instead.

 775168	 775168
 16777215	 46848
 7274323	 39936
 9437040	 32768
 11534221	 26112
 13631402	 19456
 15663047	 13056
 16777189	 6144
	 0

 775168

 2085909

 3396650

 4707392

 6018133

 7394410

 8705151

 10015892

 11326634

 12637375

Harmonies

Analogous

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



11452928



775168



56708

Triad

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



775168



53247



16725129

Complementary

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



775168



13172948

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.



16728296



775168



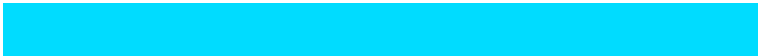
45823

Square

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



775168



56575



16220415



16740393

Rectangle

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



775168



57288



16220415



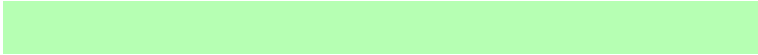
16722088

Sweetspot

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



775168



11993011



13944320



5537874



0



8421504

Same Dimension

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



775168



917248



54364



6384480



633600



142080

Inverse Universe

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



13172948



15859967



13893752



7037035



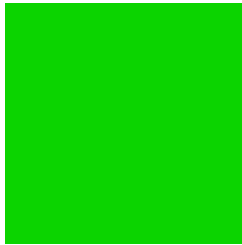
10617003



2687019

Previews

White Background



This preview shows how the Decimal color 775168 looks on a white background.

Color Contrast Check

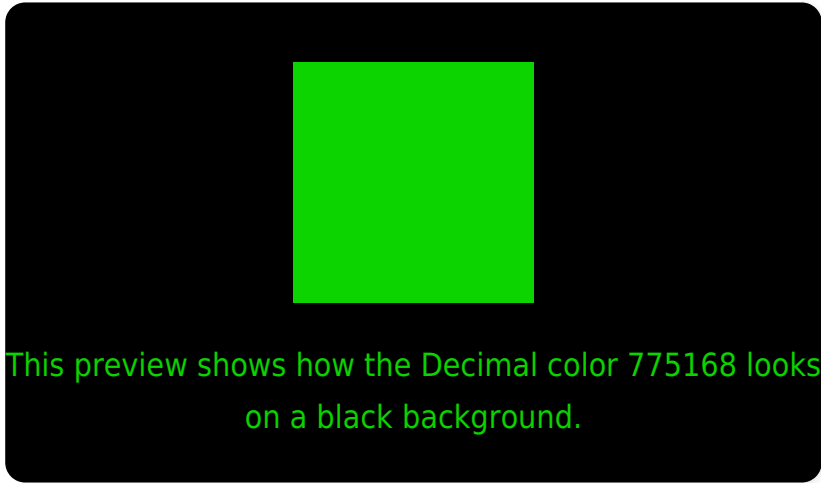
Large Text (above 18pt) WCAG AA × Fail

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 775168 Background



This preview shows how black text looks on a background with the Decimal color 775168.



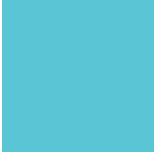
This preview shows how white text looks on a background with the Decimal color 775168.

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](#).

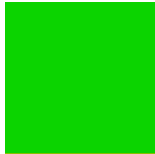
Dichromacy





Tritanopia
5883349

Trichromacy



Original Color

775168



Protanomaly

8831232



Deuteranomaly

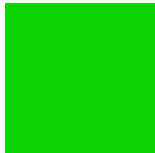
9812765



Tritanomaly

4049544

Monochromacy



Original Color

775168



Achromatopsia

8421504



Achromatomaly

5611345

CSS Examples

Text

The CSS property to change the color of the text to Decimal 775168 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 #0BD400 looks like.

```
.text, #text, p{  
    color:#0BD400  
}
```

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 #0BD400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BD400
}
```

Border

The CSS property to change the border of an element to Decimal 775168 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
#0BD400 }
```

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

```
.border{ border-color:#0BD400 }
```

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

Here you see how a box with a 4 pixel #0BD400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BD400; -webkit-box-shadow:4px 4px  
4px 4px #0BD400; box-shadow:4px 4px 4px  
4px #0BD400 }
```

Background

The CSS property to change the background color of an element to Decimal 775168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BD400 }
```

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

```
.background{ background-color:#0BD400 }
```

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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