

Converting Colors

Decimal(37701)

Have a look what the booklet for
Decimal(37701) contains.

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Color

Decimal(37701)

Conversions

Conversions Part 1

Format	Color
Hex	009345
RGB	0, 147, 69
RGB Percent	0%, 58%, 27%
CMY	1.0000, 0.4235, 0.7294
CMYK	1.00, 0.00, 0.53, 0.42
HSL	148°, 100%, 29%
HSV	148°, 100%, 58%
XYZ	11.5079, 21.2971, 9.1344
YIQ	94.1550, -62.5740, -55.4220

Conversions

Conversions Part 2

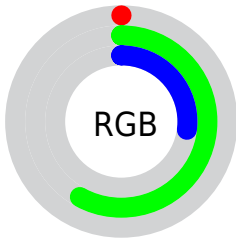
Format	Color
RYB	0, 100, 147
Decimal	37701
CIELab	53.27, -51.24, 31.88
CIELCh	53, 60.346, 148.106
Yxy	21.2971, 0.2744, 0.5078
Android (android.graphics.Color)	4278227781 (0xFF009345)
YUV	94.1550, -12.4014, -82.5739
Hunter-Lab	46.1488, -36.2487, 20.5686

Details

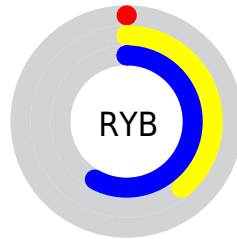
The Decimal color **37701** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9633870**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5622391**, and **24341** is the 20% darker color. If you saturate the color by 10%, you get **37701**, and if you desaturate by 10%, it is **1020749**.

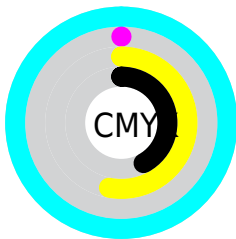
Distribution



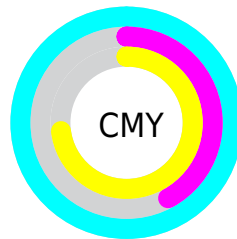
- Red (0%)
- Green (58%)
- Blue (27%)



- Red (0%)
- Yellow (39%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 37701 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 37701 by changing the saturation by 10% instead.

 37701  37701

16777215  30765

 5622391  24341

 7595921  17920

 9502636  12032

 11403208  5120

 13303780  0

 15269887

 37701

 1020749

 1938261

 2921308

 3904356

 4887404

 5804916

 6787964

 7771011

 8688523

Harmonies

Analogous

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



6851091



37701



38778

Triad

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



37701



34536



14242130

Complementary

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



37701



9633870

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.



14240389



37701



7828443

Square

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



37701



37591



12213175



12740388

Rectangle

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



37701



38814



12213175



14437474

Sweetspot

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



37701



8830881



5149440



4088142



14737632



6381921

Same Dimension

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



37701



48986



37774



4409926



35393



2565

Inverse Universe

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



9633870



12517477



9633797



4866886



9044041



655365

Previews

White Background



This preview shows how the Decimal color 37701 looks on a white background.

Color Contrast Check

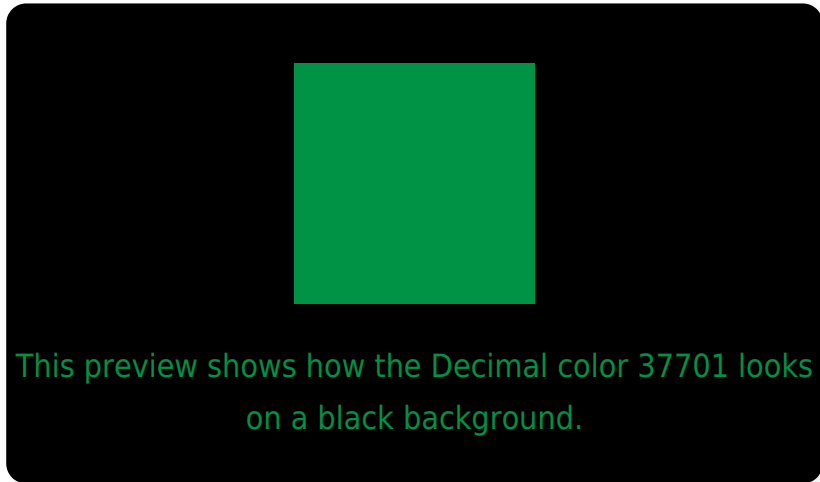
Large Text (above 18pt) WCAG AA ✓ Pass

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 37701 Background



This preview shows how black text looks on a background with the Decimal color 37701.



This preview shows how white text looks on a background with the Decimal color 37701.

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
37701

Protanopia
9207614

Deuteranopia
10123596



Tritanopia
3771030

Trichromacy



Original Color

37701



Protanomaly

5867073



Deuteranomaly

6455881



Tritanomaly

2395513

Monochromacy



Original Color

37701



Achromatopsia

6184542



Achromatomaly

3961173

CSS Examples

Text

The CSS property to change the color of the text to Decimal 37701 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 #009345 looks like.

```
.text, #text, p{  
    color:#009345  
}
```

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 #009345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009345
}
```

Border

The CSS property to change the border of an element to Decimal 37701 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
#009345 }
```

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

```
.border{ border-color:#009345 }
```

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

Here you see how a box with a 4 pixel #009345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009345; -webkit-box-shadow:4px 4px  
4px 4px #009345; box-shadow:4px 4px 4px  
4px #009345 }
```

Background

The CSS property to change the background color of an element to Decimal 37701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009345 }
```

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

```
.background{ background-color:#009345 }
```

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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