

# Converting Colors

Decimal(30993)

Have a look what the booklet for  
Decimal(30993) contains.

<b>Decimal(30993)</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(30993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007911
RGB	0, 121, 17
RGB Percent	0%, 47%, 7%
CMY	1.0000, 0.5255, 0.9333
CMYK	1.00, 0.00, 0.86, 0.53
HSL	128°, 100%, 24%
HSV	128°, 100%, 47%
XYZ	6.9385, 13.7152, 2.8119
YIQ	72.9650, -38.7320, -57.9960

# Conversions

## Conversions Part 2

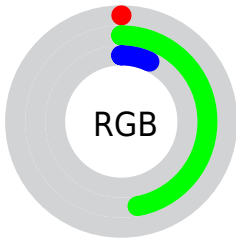
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 121
Decimal	30993
CIELab	43.82, -48.88, 44.02
CIELCh	44, 65.786, 137.994
Yxy	13.7152, 0.2957, 0.5845
Android (android.graphics.Color)	4278221073 (0xFF007911)
YUV	72.9650, -27.5907, -63.9903
Hunter-Lab	37.0341, -31.3666, 21.4221

# Details

The Decimal color **30993** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7929960**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5222215**, and **18176** is the 20% darker color. If you saturate the color by 10%, you get **30993**, and if you desaturate by 10%, it is **817435**.

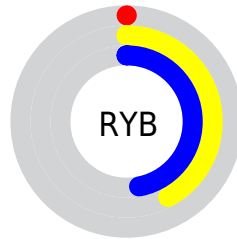
# Distribution



Red (0%)

Green (47%)

Blue (7%)



Red (0%)

Yellow (42%)

Blue (47%)

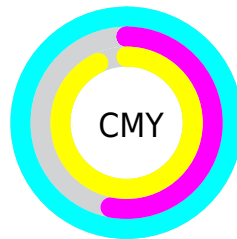


Cyan (100%)

Magenta (0%)

Yellow (86%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 30993 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 30993 by changing the saturation by 10% instead.





30993



30993

16777215



24320



5222215



18176



7064160



12288



8972154



5632



10813333



0



12713904



14614476



16580585



30993

■ 817435

■ 1603878

■ 2390320

■ 3176763

■ 3963205

■ 4815183

■ 5601626

■ 6388068

■ 7174511

# Harmonies

## Analogous

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



6254336



30993



32335

# Triad

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



30993



30163



12920138

# Complementary

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



30993



7929960

# 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.



12330880



30993



1795025

# Square

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



30993



32184



9521074



11813651

# Rectangle

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



30993



32629



9521074



12984155



# Sweetspot

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



30993



7315061



6912256



3362615



13619151



5197647



# Same Dimension

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



30993



40470



31053



3620152



32018



64547



# Inverse Universe

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



7929960



10354824



7929900



4011836



8192107

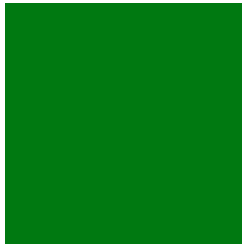


16515289



# Previews

## White Background



This preview shows how the Decimal color 30993 looks on a white background.

### Color Contrast Check

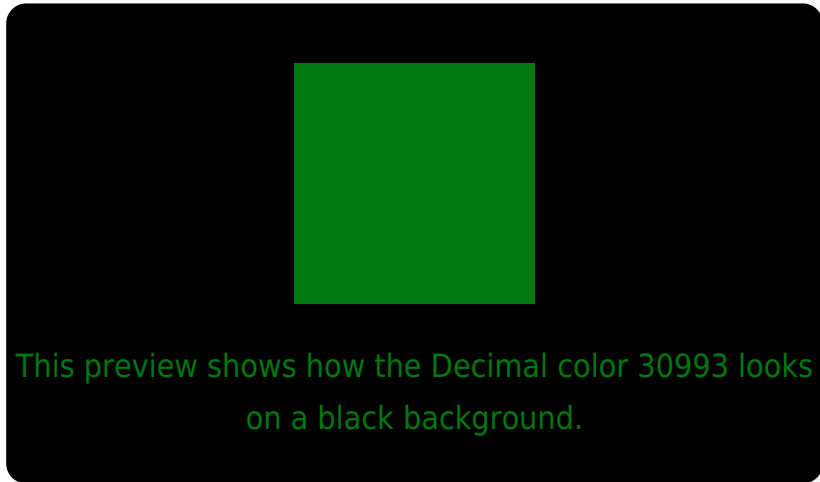
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 30993 Background



This preview shows how black text looks on a background with the Decimal color 30993.



This preview shows how white text looks on a background with the Decimal color 30993.

# 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**  
30993

**Protanopia**  
7694347

**Deuteranopia**  
8544799



**Tritanopia**  
3371386

# Trichromacy



**Original Color**

30993



**Protanomaly**

4877837



**Deuteranomaly**

5466650



**Tritanomaly**

2126932

# Monochromacy



**Original Color**

30993



**Achromatopsia**

4802889



**Achromatomaly**

3037749

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 30993 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 #007911 looks like.

```
.text, #text, p{  
    color:#007911  
}
```

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 #007911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007911
}
```

## Border

The CSS property to change the border of an element to Decimal 30993 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
#007911 }
```

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

```
.border{ border-color:#007911 }
```

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

Here you see how a box with a 4 pixel #007911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007911; -webkit-box-shadow:4px 4px  
4px 4px #007911; box-shadow:4px 4px 4px  
4px #007911 }
```

# Background

The CSS property to change the background color of an element to Decimal 30993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007911 }
```

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

```
.background{ background-color:#007911 }
```

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