

Converting Colors

Decimal(34821)

Have a look what the booklet for
Decimal(34821) contains.

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Color

Decimal(34821)

Conversions

Conversions Part 1

Format	Color
Hex	008805
RGB	0, 136, 5
RGB Percent	0%, 53%, 2%
CMY	1.0000, 0.4667, 0.9804
CMYK	1.00, 0.00, 0.96, 0.47
HSL	122°, 100%, 27%
HSV	122°, 100%, 53%
XYZ	8.8316, 17.6193, 3.0790
YIQ	80.4020, -39.0050, -69.5730

Conversions

Conversions Part 2

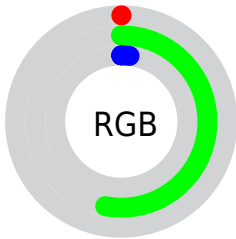
Format	Color
RYB	0, 131, 136
Decimal	34821
CIELab	49.03, -53.84, 51.19
CIELCh	49, 74.292, 136.445
Yxy	17.6193, 0.2991, 0.5967
Android (android.graphics.Color)	4278224901 (0xFF008805)
YUV	80.4020, -37.1732, -70.5126
Hunter-Lab	41.9753, -35.9006, 25.0337

Details

The Decimal color **34821** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8913027**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **5553988**, and **21504** is the 20% darker color. If you saturate the color by 10%, you get **34821**, and if you desaturate by 10%, it is **952338**.

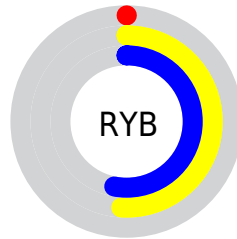
Distribution



Red (0%)

Green (53%)

Blue (2%)



Red (0%)

Yellow (51%)

Blue (53%)

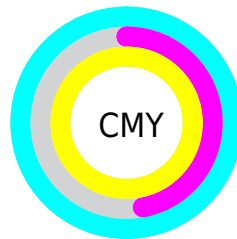


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (47%)



Cyan (100%)

Magenta (47%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 34821 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 34821 by changing the saturation by 10% instead.

 34821  34821

16777215  28160

 5553988  21504

 7527262  15360

 9435257  9472

 11337620  0

 13238192

 15204300

 16777193

 34821

■ 952338

■ 1804319

■ 2721836

■ 3573817

■ 4491335

■ 5408852

■ 6260833

■ 7178350

■ 8030331

Harmonies

Analogous

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



7175168



34821



36437

Triad

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



34821



34032



14688341

Complementary

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



34821



8913027

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.



13903764



34821



29167

Square

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



34821



36303



10506444



13453078

Rectangle

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



34821



36737



10506444



14686570

Sweetspot

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



34821



8106109



8620032



3758394



14277081



5855577

Same Dimension

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



34821



45062



34889



4080958



34053



1280

Inverse Universe

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



8913027



11534505



8912959



4537925



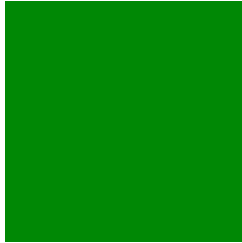
8716416



327685

Previews

White Background



This preview shows how the Decimal color 34821 looks on a white background.

Color Contrast Check

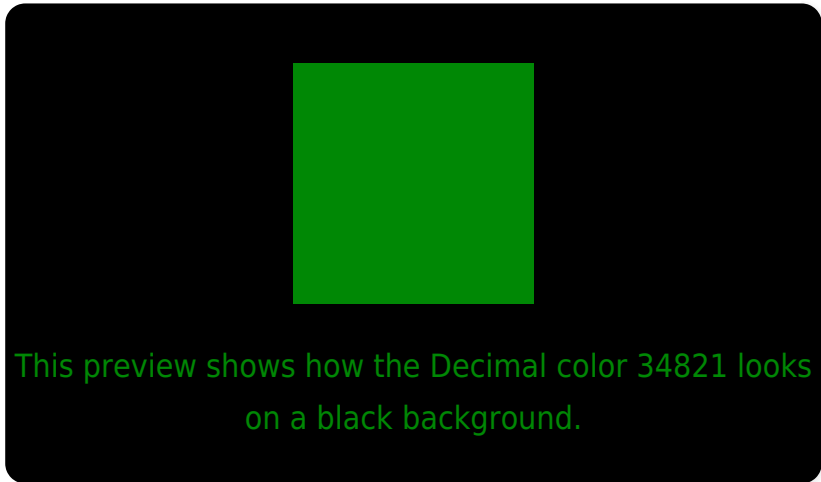
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 34821 Background



This preview shows how black text looks on a background with the Decimal color 34821.



This preview shows how white text looks on a background with the Decimal color 34821.

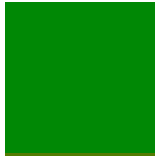
Color Blindness Simulation

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
34821



Protanomaly
5470978



Deuteranomaly
6125333



Tritanomaly
2392665

Monochromacy



Original Color
34821



Achromatopsia
5263440



Achromatomaly
3367989

CSS Examples

Text

The CSS property to change the color of the text to Decimal 34821 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 #008805 looks like.

```
.text, #text, p{  
    color:#008805  
}
```

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 #008805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008805
}
```

Border

The CSS property to change the border of an element to Decimal 34821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

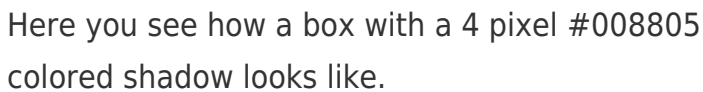
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008805 }
```

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

```
.border{ border-color:#008805 }
```

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



Here you see how a box with a 4 pixel #008805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008805; -webkit-box-shadow:4px 4px  
4px 4px #008805; box-shadow:4px 4px 4px  
4px #008805 }
```

Background

The CSS property to change the background color of an element to Decimal 34821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008805 }
```

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

```
.background{ background-color:#008805 }
```

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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